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PUBLICATIONS OF THE  
DIVISION OF WATER RESOURCES  
EDWARD HYATT, State Engineer

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BULLETIN NO. 39-A

SOUTH COASTAL BASIN INVESTIGATION

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RECORDS OF  
GROUND WATER LEVELS AT WELLS  
FOR THE YEAR 1932

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SEASONAL PRECIPITATION RECORDS  
TO AND INCLUDING 1931-32

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## FOREWORD

The well records here given are a continuation of those published in Bulletin 39. Descriptive data for each of the wells and maps showing their location are given in that Bulletin. A few new wells are included and the descriptive data in the case of these wells are included in this Bulletin.

Percolation to the water plane from rainfall on the valley floor is important in parts of South Coastal Basin and for that reason all known official and unofficial records have been collected and the annuals are published herein. The totals are for the season July 1st to June 30th. There is a tendency on the part of observers to neglect the minor storms, particularly those occurring at the beginning and at the end of the season. Through inspection of the records at nearby stations, the amount of precipitation so neglected has been estimated. This amount has been added to the recorded precipitation and an asterisk indicates where such a change has been made.

Records of daily precipitation for most of the stations included herein are available in the office of the Division of Water Resources. Prints of these can be obtained.

The cooperation of observers and of the agencies through which the records have been made available is appreciated, and acknowledgment is made in a table showing precipitation station data.



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SOUTH COASTAL BASIN INVESTIGATION  
Records of Ground Water Levels at Wells  
in District "A"

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Well Number	Date	Dist.R.P. to water surface <u>Feet</u>	Well Number	Date	Dist.R.P. to water surface <u>Feet</u>
	1932			1932	
A-3b-B-6	Mar. 1	114.0	A-4e-B-6	Jan. 22	51.0
	Apr. 30	113.5		Mar. 4	44.0
	1930			Apr. 29	43.0
				May 13	43.8
				Dec. 27	39.7
*A-4-B-6	Dec. 1	225.0			
	1931		A-5a-C-2	Jan. 7	15.8
	Feb. 2	223.0		Feb. 20	11.2
	Apr. 22	228.0		Mar. 12	11.7
	Aug. 13	225.0		Apr. 16	10.7
	Oct. 29 a	225.0		May 26	11.2
	Dec. 6	224.0		June 25	11.5
	1932			Aug. 6	12.2
	Jan. 1	227.0		Sep. 7	12.7
	Feb. 6	219.0		Nov. 28	14.5
	Mar. 17 b	200.0		Dec. 29	13.7
	Apr. 17 c	198.0	A-9-D-3	Dec. 15	89.3
	May 19 d	190.0			
	1931		A-10-E-3	Jan. 7	16.8
				Feb. 27	15.8
				Mar. 12	16.0
				Apr. 16	15.5
				May 14	16.0
				June 13	15.5
A-4c-B-6	May 11	29.6		Sep. 15	17.4
	Dec. 7	35.2		Nov. 28	16.5
	1932			Dec. 29	16.3
	Jan. 5	34.3	A-11-D-3	Jan. 7	127.2
	Feb. 14	26.0		Feb. 27	122.4
	Mar. 11	21.0		Mar. 26	122.5
	Apr. 1	15.0		Apr. 9	122.1
	Apr. 15	13.5		May 7	122.0
	May 6	14.0		Sep. 15	124.6
	Dec. 7	35.2		Nov. 28	124.9
	Dec. 27	16.2		Dec. 29	124.9

\*Elevation used in Bulletin No. 39 should be 1421.3, from levels by owner. Beginning Dec. 1, 1930, ref. pt. is air gage, 5.0 feet above floor and ground; elev. 1426.3, from levels by owner.

a Down 4 days.

b Down 12 hours.

c Down 48 hours.

d Down several days.

Well Number	Date	Dist.R.P. to water surface	Well Number	Date	Dist.R.P. to water surface
		<u>Feet</u>			<u>Feet</u>
	1932			1931	
A-12-D-3	May 4	45.5	A-24b-C-5	Dec. 1	23.6
	Dec. 15	45.3		1932	
A-13-D-3	Jan. 7	40.0		May 3	21.7
	Feb. 11	36.4		Dec. 15	21.3
	Mar. 5	40.3			
	Apr. 2	39.9	A-26-D-5	May 4	230.5
	May 7	40.2		Dec. 15	224.3
	June 3	40.5			
	July 2	40.7	A-26a-D-5	May 3	160.8
	Sep. 29	41.2		Dec. 14	166.2
	Nov. 28	40.9			
	Dec. 29	40.3	A-27-D-5	May 4	149.0
A-14-D-4	May 4	113.9		Dec. 4	137.1
	Dec. 15	115.9			
A-15-D-4	Jan. 18	a 20.8	A-28b-B-6	Feb. 25	16.0
	Apr. 12	a 19.0		Mar. 21	19.0
	July 19	a 18.6		Apr. 19	20.0
	Nov. 15	a 19.3		May 23	14.5
				June 14	20.0
A-18a-D-4	May 4	156.0		July 4	25.0
	Dec. 15	153.5		Aug. 15	27.0
				Sep. 19	23.0
A-22-D-5	Apr. 4	203.0		Oct. 17	16.0
	May 6	202.9		Dec. 29	11.0
	1931		A-31-D-6	Jan. 7	258.0
				Feb. 11	259.0
A-24-B-5	Dec. 5	53.7		Feb. 20	256.9
	1932			Apr. 2	253.6
				May 7	251.0
	May 5	29.6		June 3	249.5
	Dec. 15	29.4		July 2	258.0
	1931			Sep. 29	249.9
				Nov. 28	249.1
				Dec. 29	248.7
A-24a-C-5	Dec. 1	5.9	A-31a-D-6	May 12	185.5
				Dec. 13	181.8
	1932		A-35-D-6	May 4	234.6
				Dec. 15	232.2
A-24a-C-5	May 4	4.2			
	Dec. 15	3.5			

a Measurement from Los Angeles Department of Water and Power.

Measurements from Los Angeles County Flood Control District except as noted.

Well Number	Date	Dist.R.P. to water surface	Well Number	Date	Dist.R.P. to water surface
		<u>Feet</u>			<u>Feet</u>
	1932			1932	
A-37-C-7	Apr. 28	178.3	A-49-C-8	May 2	107.9
	May 7	180.2			
	Oct. 25	181.9	A-49a-C-8	Apr. 30	b 114.0
	Dec. 14	184.2		Dec. 29	95.5
A-38-C-7	Jan. 14	87.2	A-50-D-9	Apr. 27	228.7
	Feb. 3	84.8		Nov. 23	c 232.6
	May 2	74.8	A-50b-D-9	Apr. 27	155.3
	Dec. 28	81.2		Nov. 22	161.3
A-39-D-7	Jan. 21	231.0	A-51-D-9	Apr. 27	224.3
	May 2	241.4			
A-40-E-7	Jun. 21	a 144.8	A-51d-D-9	Apr. 27	128.2
	May 26	a 133.5		Nov. 22	128.9
	Aug. 24	a 135.0			
	Dec. 27	a 133.5		1931	
A-41-C-7	May 2	34.0	A-52-D-9	Dec. 24	76.2
	Dec. 29	32.3			
A-42-D-7	May 2	77.0		1932	
	Dec. 28	74.7		Jan. 11	75.8
A-44-C-7	May 2	34.8		Feb. 28	66.4
	Dec. 29	42.0		Apr. 28	71.9
A-45-C-8	Jan. 7	26.1		May 29	81.3
				June 5	70.0
A-48-C-8	May 2	49.0		July 31	81.4
	May 28	49.8		Oct. 30	74.0
A-48j-C-8	Jan. 1	6.9		Nov. 27	75.1
	Feb. 20	2.9	A-52c-D-9	Apr. 27	31.5
	Apr. 2	4.0		Nov. 21	35.5
	May 20	4.5	A-52d-D-9	Feb. 8	142.8
	July 2	5.0		Mar. 13	142.5
	Sep. 22	5.9		Apr. 27	144.0
	Nov. 28	4.1		Nov. 27	151.0
	Dec. 29	3.4			

a Measurement from Los Angeles Department of Water and Power.

b. Measurement by pumpman.

c Measurement by Pasadena Water Department.

Measurements from Los Angeles County Flood Control District except as noted.



Well Number	Date	Dist.R.P. to water surface	Well Number	Date	Dist.R.P. to water surface
		<u>Feet</u>			<u>Feet</u>
	1930			1932	
A-53-D-10	Dec. 9	104.5	A-60a-E-3	Nov. 30	10.0
	1932		A-62-E-3	Apr. 13	3.3
	Jan. 6	107.0		1933	
	Apr. 27	107.2			
	Nov. 21	107.4		Jan. 10	8.9
A-54-D-10	Jan. 6	136.7		1932	
	Jan. 22	137.3			
	Feb. 29	120.9	A-62a-E-3	Jan. 12	a 10.7
	Mar. 11	129.2		Apr. 5	a 7.4
A-54c-D-10	Apr. 27	199.8		Aug. 23	a 12.2
	Nov. 22	198.7		Nov. 8	a 12.6
A-54d-D-10	Apr. 27	240.7	A-64-E-4	Apr. 13	7.2
	Nov. 22	241.9		1933	
A-54e-D-10	Mar. 31	48.9		Jan. 10	10.8
	Apr. 27	52.3		1932	
	Nov. 22	57.1			
A-56-E-2	Apr. 13	41.3	A-66b-E-4	Apr. 13	11.6
	Nov. 30	43.9		June 24	12.6
	Dec. 28	42.9		Nov. 17	14.1
A-56d-E-2	Apr. 13	27.6		Dec. 28	13.9
	Nov. 30	28.4	A-68-E-4	Jan. 12	a 14.0
A-58-E-2	Jan. 12	a 25.5		Apr. 14	12.8
	Apr. 5	a 22.7		Aug. 9	a 14.0
	July 6	a 24.1		Nov. 17	14.5
	Nov. 8	a 25.2	A-70-E-5	Apr. 14	40.3
A-58a-E-2	Apr. 13	32.0		Dec. 28	41.5
A-58d-E-3	Apr. 13	11.0	A-71a-E-5	Oct. 17	14.2
	Nov. 30	12.4	*A-72-E-5	Apr. 14	b 63.2
	Dec. 28	12.1		Oct. 18	63.6
A-60-E-3	Apr. 13	11.2		Nov. 15	63.7
	Nov. 30	11.4		1933	
				Jan. 10	63.6

\* Ref. pt. —Top of timbers, 0.8 feet above floor and ground; elev. 733.4

a Measurement from Los Angeles Department of Water and Power.

b Had been pumping.

Measurements from Los Angeles County Flood Control District except as noted.



Well Number	Date	Dist.R.P. to water surface		Well Number	Date	Dist.R.P. to water surface	
			<u>Feet</u>				<u>Feet</u>
	1932				1932		
A-74-E-5	Apr. 16		85.3	A-81h-E-7	Jan. 7		Dry
	June 16		84.7		Mar. 16		"
	Dec. 8		82.4		Mar. 23		63.9
			Dec. 6			59.8	
A-75-F-6	Jan. 8	a	18.3	A-82-F-6	Apr. 20		37.6
	May 13	a	17.4		Dec. 28		38.5
	Sep. 22	a	19.5				
	Dec. 14	a	19.3	A-84-E-7	Dec. 1		53.1
A-76-E-6	Apr. 21		76.0	A-85c-E-7	Jan. 22		9.6
A-77-F-6	Apr. 21		24.1		Mar. 16		6.9
	Nov. 30		25.9		Apr. 14		6.2
					July 7		5.9
A-77b-E-6	Apr. 20		47.4		Aug. 3		6.1
A-77c-F-6	Apr. 20		16.6		Oct. 7		6.0
	Dec. 22		19.1		Dec. 22		5.1
A-78d-E-6	Jan. 22		87.9	A-85d-F-7	Apr. 20		28.1
	Mar. 16		85.1		Nov. 18		28.0
	Apr. 19		86.5	A-85e-F-7	Apr. 2		26.5
	June 2		89.9		June 6		26.3
	Aug. 11		80.5		Dec. 1		26.0
	Dec. 6	b	74.6	A-85f-F-7	Apr. 4		33.4
	1933				June 6		32.5
	Jan. 10		74.6		Dec. 1		26.0
	1932			A-86-E-7	Jan. 20		75.9
A-80-E-6	Apr. 11		73.6		Apr. 6		73.6
	Dec. 5		72.9		Nov. 2		70.9
					Dec. 14		70.2
A-80c-E-7	Apr. 19		100.2	A-86f-E-7	Jan. 22		110.9
A-81d-E-6	Apr. 20		44.0		Feb. 24		108.7
	Dec. 6		41.8		Mar. 18		111.0
					Apr. 30		107.6
					May 28		105.5
					July 16		104.8

a Measurement from Los Angeles Department of Water and Power.

b Seven measurements.

Measurements from Los Angeles County Flood Control District except as noted.

Well Number	Date	Dist.R.P. to water surface	Well Number	Date	Dist.R.P. to water surface
		<u>Feet</u>			<u>Feet</u>
	1932			1932	
A-86f-E-7, cont.	Aug. 6	106.3	A-91-F-8	Feb. 17	24.2
	Sep. 16	105.1		Mar. 18	25.2
	Oct. 21	104.0		Apr. 16	24.5
	Nov. 18	104.4		May 23	24.9
	Dec. 22	103.2		June 25	25.1
				July 16	25.4
	1932			Aug. 11	25.4
				Sep. 16	25.7
A-87-E-7	Jan. 20	40.1		Oct. 21	25.0
	Apr. 6	38.8		Nov. 18	25.0
	Nov. 2	36.7		Dec. 2	24.7
	Dec. 14	36.2		Dec. 22	24.9
A-87c-E-7	Mar. 16	37.1		1931	
	Apr. 6	36.8	A-93-E-8	Dec. 26	35.2
	Dec. 1	34.8			
	Dec. 14	34.5		1932	
A-88-F-8	Jan. 20	23.0		Jan. 23	32.9
	Apr. 6	21.6		Mar. 26	31.6
	Nov. 2	23.1		Apr. 30	30.3
	Dec. 14	21.4		May 21	30.6
A-88b-F-7	Jan. 20	19.2		Nov. 7	30.4
	Apr. 6	17.9			
	Aug. 18	18.0		1933	
	Nov. 9	17.6		Jan. 7	31.8
	Dec. 14	16.9			
A-89b-E-8	Jan. 27	63.5		1932	
	Apr. 6	62.1	A-93g-F-8	Jan. 20	28.4
	Nov. 2	59.3		Apr. 6	25.5
	Dec. 14	59.2		June 30	26.0
A-89d-E-8	Jan. 20	56.1		Oct. 26	27.3
	Apr. 6	54.5		Dec. 14	25.8
	Nov. 2	52.0			
	Dec. 14	51.4		1931	
A-90-E-8	Jan. 20	26.0	A-93L-E-8	Dec. 2	37.4
	Apr. 6	24.1			
	Nov. 2	23.3			
	Dec. 14	22.5			

Measurements from Los Angeles County Flood Control District.

Well Number	Date	Dist.R.P. to water surface	Well Number	Date	Dist.R.P. to water surface
		<u>Feet</u>			<u>Feet</u>
	1932			1933	
A-93L-E-8, cont.	Jan. 20	33.4	A-98-E-10, cont.	Jan. 7	69.5
	Apr. 6	26.7			
	Nov. 2	28.6			
	Dec. 14	27.4		1932	
A-95-E-8	Apr. 12	26.9	A-98a-F-10	Mar. 16	37.3
	June 4	28.0		Apr. 27	37.1
	Nov. 9	29.6		July 1	33.8
A-98-E-10				Aug. 6	33.8
	Jan. 16	a 65.2		Nov. 22	35.8
	Feb. 13	a 70.2		Dec. 30	36.3
	Mar. 12	a 67.2	A-99-G-10	July 1	3.2
	Apr. 9	a 66.7		Nov. 9	3.7
	Sep. 3	69.5			
	Nov. 12	67.7			

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a Pumping 24 hours a day.

Measurements from Los Angeles County Flood Control District.



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SOUTH COASTAL BASIN INVESTIGATION  
Records of Ground Water Levels at Wells  
in District "B"

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Well Number	Date	Dist.R.P. to water surface	Well Number	Date	Dist.R.P. to water surface
		<u>Feet</u>			<u>Feet</u>
	1931			1932	
B-1a-H-5	May 27	93.8	B-12-H-7	Dec. 27	55.4
	June 3	96.0			
	July 1	92.7	B-12a-I-7	Apr. 29	32.9
	July 29	93.7		Dec. 27	35.3
	Aug. 19	92.1			
	Aug. 26	93.4	B-13-I-6	Apr. 29	30.0
	Sep. 16	92.8		Dec. 27	30.7
	Oct. 21	94.4			
	1932		B-14d-G-8	Dec. 27	37.3
	May 4	87.0	B-15-I-8	Feb. 3	44.3
B-3-I-5	Apr. 14	103.8		Mar. 9	42.5
	Dec. 14	103.9		Apr. 13	43.4
				May 18	44.7
B-4-H-5	Dec. 14	21.4		June 15	45.5
				July 13	46.7
				July 27	47.3
B-5-I-5	Apr. 19	46.1	B-15a-I-8	Apr. 25	80.4
	Dec. 19	36.7		Nov. 29	84.0
B-5c-I-5	Apr. 27	41.7	B-18-H-9	Apr. 25	124.6
	Dec. 19	41.1		Nov. 29	124.6
B-6-G-6	Apr. 28	18.8	B-18a-H-9	Apr. 25	121.0
	Nov. 21	19.7		Nov. 29	122.5
B-6c-H-6	Apr. 28	56.9	B-19b-I-19	Feb. 27	133.7
	Nov. 21	58.6		Mar. 16	134.1
B-6d-H-6	Nov. 15	99.0		Apr. 5	133.9
				May 4	134.5
B-7-H-6	Apr. 27	86.2		June 15	134.8
	Nov. 12	109.6		July 27	135.4
B-7d-I-6	Apr. 27	143.1	B-19d-I-9	Apr. 25	125.3
	Dec. 29	161.6		Dec. 15	126.8
B-9a-I-6	Apr. 25	126.5	B-21a-H-10	Jan. 22	105.3
	Dec. 27	115.1		Nov. 29	93.3
B-10p-I-6	Jan. 27	23.0	B-23-I-5	Jan. 2	33.4
	Mar. 9	24.1		Jan. 20	31.5
	Apr. 13	23.8		Mar. 16	31.8
	May 25	23.6		Apr. 13	31.2
	July 6	23.6		June 1	31.7
	July 27	22.7		June 30	31.8
				July 27	32.9

Measurements from Los Angeles County Flood Control District.



Well Number	Date	Dist.R.P. to water surface	Well Number	Date	Dist.R.P. to water surface
		Feet			Feet
	1932			1932	
B-23c-I-5	Apr. 27	30.4	B-44c-K-8	Feb. 3	59.4
	Nov. 17	30.6		Mar. 9	59.3
B-24a-J-6	Apr. 27	20.8		Apr. 5	59.8
	Dec. 30	25.0		May 4	60.0
B-25a-I-6	Apr. 27	54.8		May 25	60.8
	Nov. 17	56.1		June 15	60.3
B-28-J-6	Apr. 25	88.9		June 30	60.9
	Dec. 29	82.2		July 27	61.1
B-28c-J-6	Apr. 25	131.0	B-45d-K-8	Apr. 23	60.6
	Dec. 29	131.1		Dec. 29	61.4
B-30a-J-6	Apr. 27	24.7	B-46c-J-8	Feb. 4	a 71.3
	Nov. 17	25.1		June 2	a 72.0
B-33-K-6	Dec. 31	177.5		Aug. 25	a 72.6
B-34-J-7	Apr. 25	130.6		Nov. 15	a 72.8
	Dec. 1	130.8	B-47-J-8	Apr. 28	154.7
B-34c-J-7	Apr. 25	99.7		Dec. 31	157.0
	Dec. 1	100.8	B-50-I-9	Feb. 4	a 83.8
B-35-J-7	Apr. 25	58.1		May 11	a 84.8
	Dec. 29	58.2		Aug. 4	a 85.9
B-36b-K-6	Apr. 21	146.4		Nov. 15	a 86.2
	Dec. 1	146.8	B-51a-J-8	Jan. 5	a 82.2
B-36c-K-7	Apr. 25	114.3		Apr. 1	a 81.5
	Dec. 1	108.0		Apr. 28	83.9
B-37-L-7	Apr. 21	152.2		July 5	a 82.8
	Dec. 1	153.6		Nov. 8	83.4
B-41i-K-8	Apr. 23	64.4		1931	
	Dec. 29	64.8	B-51b-J-9	May 4	a 72.0
B-44-K-8	Apr. 23	83.7		Aug. 4	a 77.9
	Dec. 27	84.0		Dec. 3	a 73.5
				1932	
				Feb. 4	a 72.2
				Apr. 1	a 72.3
				Aug. 4	a 74.5
				Nov. 3	a 74.5

a Measurements from Los Angeles Department of Water and Power.

Measurements from Los Angeles County Flood Control District except as noted.



Well Number	Date	Dist.R.P. to water surface		Well Number	Date	Dist.R.P. to water surface	
		<u>Feet</u>				<u>Feet</u>	
	1932				1932		
B-52-J-8	Jan. 11	a	131.7	B-59i-K-9	Apr. 18		83.9
	July 18	a	135.1		Nov. 14		91.4
	Nov. 10	a	136.2	B-60-J-9	Jan. 5	a	77.9
B-52f-J-9	Mar. 14	ab	79.6		Mar. 18		77.1
	May 3	ab	82.9		Sep. 16		78.0
	Aug. 5	ab	84.8		B-60c-I-9	Jan. 5	a
	Nov. 16	ab	82.5	May 3		a	107.8
B-54-K-8	Apr. 18		147.2	Aug. 4		a	109.8
	Nov. 7		145.5	Nov. 4		a	109.0
B-54b-K-8	Apr. 18		107.7	B-61f-J-9	Apr. 28		59.1
	Nov. 14		109.6		Nov. 18		56.5
B-54g-L-9	Apr. 18		100.2	B-62-J-9	Apr. 28		62.9
	Nov. 7		104.2		Nov. 14		56.5
B-56-J-9	Apr. 18		53.3	B-62c-K-9	Jan. 6	a	60.4
	Nov. 15		54.6		May 18	a	64.6
B-57-J-9	Jan. 15	c	67.0		Aug. 23	a	70.1
	Apr. 28		73.3		Nov. 16	a	67.0
	Nov. 14		77.0	B-64-K-9	Jan. 15	c	40.8
B-57j-J-9	Jan. 15	c	40.0		Jan. 15	c	44.2
	Apr. 28		40.3	Apr. 16		50.0	
	Nov. 15		41.5	Nov. 22		53.3	
B-58-K-9	Feb. 5	a	79.5	B-66-J-10	Apr. 18		105.1
	June 8	a	85.4		Nov. 21	d	107.0
	Sep. 30	a	87.2	B-66b-J-10	Apr. 28		74.3
	Nov. 21	a	88.8		Nov. 21		74.8
B-58d-K-9	Apr. 18		88.5	B-67-K-10	Apr. 18		25.5
	Nov. 14		82.5		Nov. 22		23.8
B-58e-K-9	Jan. 15	c	78.9	B-67c-J-10	Apr. 14		41.6
B-59d-K-9	Apr. 18		74.0		Apr. 14		34.9
	Nov. 15		74.9	B-68-K-10	Nov. 29		32.4

a Measurement from Los Angeles Department of Water and Power.

b Ref. pt. (a) in Bulletin No. 39, used.

c Measurement from San Gabriel Valley Protective Association.

d Idle 45 minutes. Still rising slowly.

Measurements from Los Angeles County Flood Control District except as noted.

Well Number	Date		Dist.R.P.	Well Number	Date		Dist.R.P.	
			to water surface <u>Feet</u>				to water surface <u>Feet</u>	
	1932				1932			
B-69d-L-10	Feb. 5	a	26.0	B-79-K-10	Feb. 24	a	23.6	
	May 9	a	35.1		Apr. 14		35.0	
	Aug. 5	a	42.5		May 13	a	51.0	
	Nov. 15	a	36.2		Aug. 24	a	40.4	
					Oct. 24	a	35.7	
B-70-I-10	Apr. 13		86.9		Nov. 29		33.4	
	Nov. 21		87.5					
B-70b-J-10	Apr. 13		90.6	B-81d-K-11	Jan. 21		15.8	
	Nov. 22		96.2		Apr. 21		23.6	
					July 25		30.4	
					Oct. 24		27.4	
B-71a-J-10	Apr. 13		65.5	B-82d-L-11	Feb. 5	a	6.9	
	Nov. 29		63.5		June 8	a	16.6	
B-72b-J-10	Apr. 14		20.8		Aug. 5	a	22.7	
	Nov. 29		22.3		Nov. 15	a	14.9	
B-72e-K-10	Jan. 2		22.7	B-83i-J-11	Apr. 13		47.1	
	Feb. 1		21.1		Dec. 15		48.8	
	Mar. 31		23.1	B-84-L-6	Apr. 20		154.2	
	Apr. 27		23.9		Dec. 31		152.3	
	May 11		24.2	B-85-L-7	Apr. 20		96.4	
	June 24		27.8		Dec. 31		93.2	
	July 28		26.6		B-86b-M-7	Apr. 20		86.7
	Aug. 11		28.2			Dec. 31		85.0
	Sep. 15		27.0	B-87-M-7		Feb. 3		102.0
	Oct. 27		26.3			Mar. 16		101.9
	Nov. 30		25.7		Apr. 26		102.3	
	Dec. 29		23.6		May 4		102.1	
B-73-K-10	Apr. 14		20.1		June 8		102.4	
	Nov. 29		20.1		July 6		102.7	
B-77d-J-11	Jan. 2	b	33.6		July 27		102.7	
	May 7	c	35.6					
	Dec. 21	c	39.9					
B-78b-J-11	Apr. 14		34.9	B-89-L-7	Apr. 20		89.4	
	Nov. 29		34.1		Dec. 13		89.7	

a Measurement from Los Angeles Department of Water and Power.

b Measurement from San Gabriel Valley Protective Association.

c Measurement from Pasadena Water Department.

Measurements from Los Angeles County Flood Control District except as noted.

Well Number	Date	Dist.R.P. to water surface	Well Number	Date	Dist.R.P. to water surface
		<u>Feet</u>			<u>Feet</u>
	1932			1932	
B-91-L-7	Apr. 26	74.3	B-106-L-8	Jan. 7 a	73.3
	Dec. 28	68.4		Mar. 2 a	71.8
B-92c-L-7	Apr. 19	109.0		May 4	80.6
	Dec. 28	108.8		Oct. 31	76.5
B-92e-L-7	Apr. 21	80.0	B-106a-L-9	May 4	90.0
	Dec. 28	79.2		Nov. 15	88.5
B-94-M-7	Apr. 15	119.7	B-106b-L-9	May 14	35.6
	Nov. 30	120.7		Nov. 15	34.2
B-95-N-7	Apr. 18	119.1	B-108-M-8	May 4	46.6
	Dec. 1	119.7		Nov. 14	48.9
B-95b-N-7	Apr. 22	85.1	B-109c-M-9	May 4	21.0
	Dec. 15	88.0		1933	
B-96-L-8	Apr. 19	64.8		Jan. 13	23.4
	Dec. 31	62.3		1932	
B-100-N-8	Apr. 22	94.0	B-110a-N-9	May 4	68.3
	Dec. 20	93.8		Nov. 14	68.0
B-101-L-8	Apr. 19	33.5	B-110b-N-9	May 7	72.1
	Dec. 31	34.8		1933	
B-101c-L-8	Apr. 18	29.6		Jan. 13	71.5
	Dec. 13	30.0		1932	
B-102-L-8	Apr. 19	53.6	B-111-L-9	May 4	56.2
	Dec. 31	51.1		Nov. 15	57.8
B-103-M-8	Apr. 25	83.3	B-112-L-9	May 4	51.9
	Dec. 8	84.5		1933	
B-103b-L-8	Apr. 19	79.8		Jan. 13	52.5
	Dec. 15	80.8			
B-105a-M-8	Apr. 15	68.3			
	Dec. 8	69.8			

a Measurement from Los Angeles Department of Water and Power.

Measurements from Los Angeles County Flood Control District except as noted.

Well Number	Date	Dist.R.P. to water surface		Well Number	Date	Dist.R.P. to water surface	
			<u>Feet</u>				<u>Feet</u>
	1932				1932		
B-113-M-9	May 4		35.8	B-119q-M-10	Feb. 5	a	28.4
					Apr. 30		37.6
	1933				May 6		38.1
	Jan. 13		36.0		June 8	a	32.9
	1932				Sep. 12	a	33.9
					Nov. 15	a	31.8
					Nov. 22		38.4
B-115a-N-9	Mar. 30		63.0	B-120-N-10	Feb. 5	a	25.2
	Apr. 30		66.9		May 9	a	28.0
	May 7		67.2		Aug. 5	a	28.9
	1933				Nov. 15	a	27.6
	Jan. 13		66.1	B-121b-L-10	Feb. 5	a	34.2
	1932				May 9	a	36.9
					Aug. 5	a	41.7
					Nov. 15	a	40.3
B-115b-N-9	Feb. 5	a	71.6	B-122-L-10	Nov. 29		25.1
	May 9	a	76.9				
	Aug. 5	a	79.2	B-122b-L-10	May 3		25.7
	Nov. 15	a	77.3		Dec. 19		26.9
B-116-L-10	May 3		41.6	B-122f-L-10	Jan. 16	b	14.8
	Nov. 22		46.5				
B-117-L-10	Apr. 30		75.9	B-125d-N-10	Feb. 5	a	26.2
	May 6		77.3		May 9	a	28.6
	Nov. 22		78.2		Aug. 5	a	30.9
					Nov. 15	a	29.5
B-118-M-10	May 3		37.7	B-126f-N-10	May 2		23.5
	Nov. 22		36.1		Dec. 5		26.4
B-118e-M-10	Jan. 11	a	32.8	B-127g-M-10	May 2		30.7
	Apr. 7	a	33.8		Dec. 5		33.6
	Aug. 5	a	38.8	B-127h-M-10	May 2		67.1
	Nov. 15	a	36.3		Dec. 5		69.0
B-119-M-9	May 6		38.6	B-128f-L-10	Jan. 11	a	12.7
	1933				Apr. 7	a	15.4
					Aug. 5	a	23.7
	Jan. 13		40.6		Nov. 15	a	19.5

a Measurement from Los Angeles Department of Water and Power.

b Measurement from San Gabriel Valley Protective Association.

Measurements from Los Angeles County Flood Control District except as noted.

Well Number	Date	Dist.R.P. to water surface		Well Number	Date	Dist.R.P. to water surface	
		<u>Feet</u>				<u>Feet</u>	
	1932				1933		
B-129-L-10	Jan. 14	a	21.2	B-134-N-9, cont.	Jan. 13		59.9
B-129b-M-10	Jan. 16	a	37.4		1932		
	Dec. 8	b	40.4	B-134c-N-9	Jan. 11	c	51.2
B-130e-N-8	Apr. 15		200.0		Mar. 2	cd	62.0
	Dec. 20		200.0		May 9	cd	65.3
B-132-N-8	Apr. 15		97.5	B-135-N-9	May 2		22.2
	Dec. 8		91.6	B-135b-O-9	May 2		6.6
B-133b-O-8	May 2		18.8	B-135c-N-10	May 2		6.2
B-133f-N-9	May 2		55.8	B-136-N-10	Jan. 2		12.2
	1933				Feb. 5		11.6
	Jan. 13		57.3		Mar. 4		11.1
	1932				Apr. 15		13.1
B-134-N-9	Jan. 27		58.3		May 6		12.4
	Feb. 27		57.6		June 24		13.8
	Mar. 30		58.1		July 28		13.4
	May 11		59.8		Aug. 25		13.6
	June 22		55.6		Sep. 7		14.0
	July 20		58.1		Oct. 13		13.1
	Aug. 26		59.1		Nov. 30		13.4
	Nov. 30		59.5		Dec. 29		12.7
					1933		
					Jan. 12		12.6

a. Measurement from San Gabriel Valley Protective Association.

b. Measurement from Pasadena Water Department.

c. Measurement from Los Angeles Department of Water and Power.

d. Pumping nearby.

Measurements from Los Angeles County Flood Control District except as noted.





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SOUTH COASTAL BASIN INVESTIGATION  
Records of Ground Water Levels at Wells  
in District "C"

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Well Number	Date	Dist.R.P. to water surface		Well Number	Date	Dist.R.P. to water surface	
			<u>Feet</u>				<u>Feet</u>
	1932				1932		
C-1-E-11	Jan. 6	a	230.5	C-7-E-11	Jan. 16	c	198.5
	Feb. 23	b	221.6		Feb. 15	c	181.2
	Mar. 29	b	203.5		Mar. 8	c	161.2
	Apr. 29	b	203.8		Mar. 24	c	154.9
	May 25	a	208.5		Apr. 27	c	160.3
	June 23	a	212.8		June 30	c	167.4
	July 10	a	209.5		July 14	c	167.7
	Aug. 11	a	220.8		Aug. 16	f	185.2
	Sep. 7	a	226.2		Oct. 1	d	192.2
	Oct. 11	a	224.8		Nov. 1	f	203.1
	Nov. 23		229.8		Dec. 15	c	198.5
	Dec. 20	a	229.7				
C-1k-D-10	Apr. 26		313.0	C-10-E-11	Jan. 16	c	137.6
	Oct. 20		327.8		Feb. 23	c	125.6
	Nov. 23		326.8		Mar. 15	c	116.1
					Apr. 1	c	112.1
			May 16		d	106.7	
C-3-E-11	Jan. 26	a	288.8	July 14	c	107.5	
	Feb. 23	a	275.4	Sep. 1	f	116.1	
	Mar. 15	a	258.2	Oct. 1	d	123.4	
	Apr. 5	a	255.5	Nov. 1	f	129.6	
	May 25	a	267.3	Dec. 15	c	134.3	
	June 9	a	265.4				
	Aug. 16	a	280.4	C-11-E-11	Apr. 23		281.3
	Sep. 7	a	288.9				
	Oct. 31	a	294.5	C-12-E-11	Jan. 23	a	215.5
	Nov. 21	a	297.0		Apr. 22	a	217.0
	Dec. 20	a	290.8		Nov. 15	a	217.5
C-5-E-11	Jan. 2	c	157.5	C-16-F-11	Jan. 4	g	281.9
	Feb. 1	c	150.1		Feb. 15	g	280.4
	Feb. 23	c	126.4		Mar. 15	g	278.8
	Mar. 15		102.1		Apr. 15	h	282.6
	Apr. 27	c	110.3		May 16	h	284.4
	May 16	d	119.1		June 15	h	285.6
	June 30	c	125.1		Aug. 16	g	286.1
	July 14	c	125.3		Oct. 17	g	287.1
	Sep. 13	d	158.2		Nov. 15	h	290.7
	Nov. 16	e	164.0		Dec. 1	g	289.1
	Dec. 16	c	158.3		Dec. 15		290.9

a Measurement from Los Angeles County Flood Control District.

b Measurement by operator, obtained from Pasadena Water Department.

c All down

d Arroyo pumping.

e All down 5 hours.

f Windsor, Figueroa, Arroyo, and Ventura pumping.

g Sunset down.

h Sunset pumping

Measurements from Pasadena Water Department except as noted.

Well Number	Date	Dist.R.P. to water surface	Well Number	Date	Dist.R.P. to water surface
		<u>Feet</u>			<u>Feet</u>
	1932			1932	
C-19-F-11	Jan. 16	133.4	C-39-E-12	Apr. 20	271.9
	Mar. 1	132.3	C-40-E-12	Jan. 18	48.8
	Apr. 1	131.7		Feb. 17	39.4
	June 1	132.2		Mar. 15	32.0
	July 15	Dry		Apr. 9	32.9
C-22-F-11	Jan. 16	273.5		May 25	36.4
	Feb. 4	271.3	C-41-E-12	Aug. 23	43.6
	Mar. 15	268.8		Oct. 7	46.8
	Apr. 27	271.1		Dec. 1	50.1
	Aug. 3	274.4		Feb. 9	d 166.0
	Sep. 16	a 280.7		Apr. 3	e 165.0
	Oct. 3	280.7		May 1	169.6
C-23-F-11	Apr. 21	10.0		May 30	167.5
				Nov. 10	171.9
C-27-F-11	Jan. 4	143.4	C-42-E-12	Apr. 23	306.0
	Feb. 1	138.9		May 8	306.0
	Mar. 1	138.0		Nov. 10	309.4
	Apr. 1	138.1	C-43-F-12	Jan. 6	d 244.6
	Apr. 27	144.8		Mar. 8	d 243.6
	May 16	b 155.8		Apr. 5	d 243.6
	June 1	b 153.3		May 10	d 244.7
	July 15	b 159.4		May 25	d 247.2
	Aug. 16	157.4		June 23	d 246.6
	Sep. 15	b 160.4		July 21	d 248.9
	Oct. 1	b 153.8		Aug. 11	d 249.0
	Oct. 17	b 156.5		Sep. 1	d 251.0
	Nov. 15	154.8		Oct. 18	d 250.9
	Dec. 1	149.1		Nov. 14	d 256.8
	Dec. 15	149.1		Dec. 6	d 259.2
C-31a-F-11	Apr. 23	155.4		Dec. 20	d 251.5
	July 7	155.9	C-44-F-12	Jan. 16	f 321.8
	Aug. 22	157.1		Feb. 15	f 319.0
	Nov. 14	157.7		Mar. 15	f 317.9
C-38a-E-12	Apr. 22	389.1		Apr. 15	f 317.9
	Aug. 1	385.0		May 16	f 318.0
	Nov. 23	c 336.2			

a Villa down 7 hours.

b Alpine pumping.

c Down 8 hours.

d Measurement from Los Angeles County Flood Control District.

e Measurement by owner.

f All east wells down.

Measurements from Pasadena Water Department except as noted.

Well Number	Date	Dist.R.P. to water surface		Well Number	Date	Dist.R.P. to water surface	
		Feet	Feet			Feet	Feet
	1932				1932		
C-44-F-12, cont.	June 6	a	332.3	C-58-F-12, cont.	June 1		136.0
	Aug. 1	b	333.4		Aug. 1		139.0
	Sep. 1		331.7		Sep. 1		149.0
	Oct. 15	c	329.2		Oct. 1		148.0
	Nov. 15	c	329.0		Dec. 1		135.0
	Dec. 1	c	328.5				
	Dec. 15	c	328.1	C-62-F-12	Feb. 1		130.0
C-47-F-12	Nov. 8		162.8	Mar. 1		125.0	
C-49-F-12	Mar. 2	d	170.8	Apr. 1		138.0	
	Apr. 30	e	181.5	May 1		130.5	
	June 1	d	182.0	July 1		140.0	
	July 1	d	181.5	Sep. 1		133.0	
C-52a-F-12	Jan. 16		232.1	Oct. 1		128.0	
	Feb. 1		230.2	Nov. 1		127.0	
	Mar. 1		229.6	Dec. 1		135.0	
	Apr. 15		233.0				
	June 1	f	236.4	C-65-F-12	Feb. 1		120.0
	Aug. 16		246.5	Apr. 1		120.0	
	Oct. 1		243.6	May 1		126.0	
	Nov. 15		243.0	July 1		124.0	
	Dec. 12		242.6	Aug. 1		125.0	
C-55-F-12	May 18		178.4	Oct. 1		120.0	
	June 3		176.5	Dec. 1		123.0	
	July 5		185.1				
	Aug. 1		187.0	C-74-F-12	Apr. 20		129.1
	Dec. 16		185.6	Nov. 8		136.9	
C-56-F-12	Feb. 1	g	124.0	C-76-F-12	Apr. 20		126.5
	Apr. 1	g	130.0		Nov. 8		135.3
	June 1	g	137.0	C-82-F-13	Jan. 4		56.4
	Aug. 1	g	140.0		Feb. 1		53.5
	Sep. 1	g	158.0		Apr. 1		58.5
	Oct. 1	g	139.0		May 2		62.0
	Dec. 1	g	140.0		June 1		64.9
C-58-F-12	Feb. 1		124.0	July 15		75.1	
Apr. 1		131.0	Aug. 31		70.5		
				Oct. 1		70.6	
				Nov. 1		74.1	
				Dec. 15		62.0	

a Monte Vista pumping.

b Woodbury pumping.

c All east wells down.

d Measurement from San Gabriel Valley Water Company.

e Measurement from Los Angeles County Flood Control District.

f Craig pumping.

g Measurement by City of Alhambra.

Measurements from Pasadena Water Department except as noted.

Well Number	Date	Dist.R.P. to water surface		Well Number	Date	Dist.R.P. to water surface	
		Feet				Feet	
	1932				1932		
C-86-F-13	Jan. 4		79.1	C-109-G-12	Mar. 1	g	97.7
	Feb. 15		79.0		Apr. 1	g	97.9
	Mar. 15		78.0		May 9	g	98.5
	Apr. 15		83.8		June 1	g	101.0
	May 16		85.9		July 1	g	99.0
	June 1		88.5		Aug. 1	g	99.5
	July 15		91.4		Aug. 29	g	100.0
	Sep. 1		92.8		Oct. 1	g	100.5
	Oct. 1		90.4		Nov. 1	g	101.2
	Nov. 1		91.6		Dec. 1	g	101.8
	Dec. 15		87.2				
C-96-F-13	Mar. 15	ac	73.9	C-111-F-11	Apr. 5		177.5
	Apr. 19	ac	86.3		May 14		179.6
	May 3	ac	78.7		June 15		180.2
	May 25	bc	90.5		July 10		181.2
	June 16	bc	83.5		Aug. 16		182.5
	July 14	bc	88.0		Sep. 29		184.4
	Aug. 11	bc	104.9	Oct. 8		183.7	
	Sep. 1	bc	102.0	Oct. 25		184.8	
	Oct. 11	bc	93.1	C-115-E-12	Jan. 27		44.5
	Nov. 15	bc	96.4		May 2		38.2
	Dec. 20	bc	80.4		Nov. 28		55.7
C-98-F-13	Apr. 23		217.4	C-119-F-12	Jan. 1	g	141.0
	Nov. 8		224.2		Feb. 1	g	141.0
C-101-F-13	Jan. 8	d	104.9		Mar. 2	g	138.0
	Feb. 15	d	104.9		May 9	g	103.0
	Mar. 11	d	101.5		June 1	g	105.3
	Apr. 27	c	114.8		July 1	g	107.8
	May 3		104.2		Aug. 1	g	107.8
	Nov. 18		115.2		Aug. 29	g	113.4
	Nov. 28	c	113.3		Oct. 1	g	112.2
C-102-F-14	Nov. 15		22.3		Nov. 1	g	112.2
	Nov. 23	c	22.1		Dec. 1	g	114.5
C-103-F-13	Apr. 29		90.1		1933	Jan. 5	g 109.9
	Nov. 8		104.1				
C-108-F-12	July 11	e	62.1				
	Nov. 9	f	166.7				

a Ref. pt. (a) in Bulletin No. 39, used.

b Ref. pt. (b) in Bulletin No. 39, used.

c Measurement from Los Angeles County Flood Control District.

d Measurement by operator.

e Down 30 hours.

f Down 8 hours.

g Measurement from San Gabriel Valley Water Company.

Measurements from Pasadena Water Department except as noted.



Well Number	Date	Dist.R.P. to water surface <u>Feet</u>	Well Number	Date	Dist.R.P. to water surface <u>Feet</u>
	1932			1932	
C-120-F-12	Feb. 6	a 148.3	C-199b-G-12	Jan. 5	146.6
	Apr. 1	a 158.3		Feb. 2	146.1
	June 1	a 165.3		Mar. 1	145.5
	Aug. 1	a 183.3		Apr. 11	d 151.6
	Aug. 29	a 181.3		Nov. 16	d 152.4
	Oct. 1	a 178.3	C-200-F-13	Feb. 2	207.5
	Nov. 1	a 173.3		Apr. 5	206.3
	Dec. 1	a 178.3		June 7	206.0
	1933	Aug. 2		206.0	
Jan. 4	a 172.2	Oct. 4		206.2	
	1931		Dec. 20	206.4	
C-130-F-12	Dec. 15	b 183.3	C-201-G-12	Jan. 8	a 249.0
				Mar. 2	a 246.0
				Apr. 1	a 247.0
				May 9	a 249.0
				June 1	a 248.0
	Jan. 15	b 180.1	C-201b-G-12	Aug. 1	a 250.0
	Feb. 15	b 176.9		Oct. 1	a 250.0
	Mar. 24	b 172.0		Dec. 1	a 249.0
	Apr. 15	b 181.8		Feb. 2	291.0
	Apr. 28	c 177.3		Apr. 26	b 288.1
	May 16	c 177.7	C-202-G-12	Jan. 3	e 306.0
	June 15	c 184.0		Feb. 3	e 305.0
	July 15	c 188.3		Apr. 3	e 304.0
	Sep. 15	c 194.0		June 3	e 307.0
	Oct. 15	c 190.1		Aug. 3	e 310.0
	Nov. 15	c 191.5		Sep. 3	e 319.0
C-196-G-13	Jan. 5	122.5		Oct. 3	e 319.0
	Feb. 2	122.7		Dec. 3	e 317.0
	Mar. 1	122.5	C-204-G-12	Jan. 12	219.9
	Apr. 5	122.8		Feb. 2	220.0
	May 1	123.4		Mar. 1	219.5
	June 7	123.7		Apr. 5	220.0
	July 5	124.0		June 7	220.9
	Sep. 9	124.7		Aug. 29	223.7
	Oct. 4	124.6		Sep. 23	f 223.5
	Nov. 1	124.7		Dec. 17	f 224.0
	Dec. 20	124.7			

a Measurement from San Gabriel Valley Water Company.

b Measurement from Pasadena Water Department.

c Measurement by owner.

d Measurement from Los Angeles County Flood Control District.

e Measurement by Alhambra Water Department.

f Well No. 1 pumping.

Measurements from San Gabriel Valley Protective Association except as noted.

Well Number	Date	Dist.R.P. to Water surface		Well Number	Date	Dist.R.P. to water surface	
		<u>Feet</u>				<u>Feet</u>	
1932				1932			
C-205-G-12	Jan. 5		171.0	C-212-H-12	Jan. 4		26.8
	Mar. 1		170.2		Feb. 7		26.5
	Apr. 13	a	170.4		Apr. 4		25.0
	Aug. 8	b	172.1		June 7		25.5
	Oct. 14	b	172.5		Aug. 8		26.1
	Nov. 12	b	172.6		Oct. 14		26.8
	Dec. 17	b	172.4		Dec. 17		27.2
C-206-G-12	Jan. 5	c	274.7	C-213-H-12	Jan. 18		56.5
	Feb. 1	cd	275.0		Feb. 7		45.3
	Apr. 1	cd	275.0		Apr. 4		48.7
	June 1	cd	277.0		Nov. 16	a	50.6
	Aug. 1	d	277.5	**C-214-G-13	Jan. 5		105.8
	Oct. 1	d	278.0		Mar. 1		102.3
	Nov. 1	d	279.0		Apr. 6		100.5
	Dec. 1	d	278.0		May 3		100.7
*C-210c-G-12	Feb. 2		63.4	July 6		101.2	
	Mar. 1		63.2	Aug. 8		101.4	
	Mar. 29		63.3	Dec. 17		102.1	
C-211-H-12	Apr. 14	a	139.6	C-215-G-13	Jan. 21	a	94.1
	Nov. 16	a	146.2		Feb. 23	a	93.7
C-211c-H-11	Jan. 5		32.3		Apr. 5	ab	92.8
	Feb. 2		31.2		May 3		92.7
	Mar. 1		28.1	July 6		92.5	
	Apr. 13	a	27.7	Sep. 23		92.0	
	Nov. 16	a	31.2	Oct. 14		92.0	
C-211L-H-11	Jan. 5		12.8	C-217-G-13	Dec. 17		91.8
	Feb. 2		8.5		Jan. 5		119.4
	Mar. 1		9.8		Feb. 23		119.0
	Apr. 13	a	10.5		Mar. 7		118.7
C-211m-G-11	Apr. 13	a	14.8		Apr. 13	a	119.6
					Aug. 29		123.6
					Oct. 14		122.9
					Nov. 17	a	121.0
				Dec. 17		122.9	

\* Beginning Feb. 2, 1932, ref. pt. is top of 1/2-inch flange on pump head, 0.2 foot above ground. Elev. 324.2 feet.

\*\* Beginning Jan. 5, 1932, ref. pt. is 2 1/2-inch outlet hole in pump head, 0.8 foot above top of I-beam, level with old concrete curb, 1.8 feet above ground. Elev. 370.8.

a Measurement from Los Angeles County Flood Control District.

b Ref. pt.—Top edge of 1 1/2-inch pipe plug hole in plate over well, 0.1 foot above top of concrete block and 0.5 foot above ground. Elev. 428.7.

c Measurement from Pasadena Water Department.

d Measurement by Alhambra Water Department.

Measurements from San Gabriel Valley Protective Association except as noted.

Well Number	Date	Dist.R.P. to water surface		Well Number	Date	Dist t.R.P. to water surface	
			<u>Feet</u>				<u>Feet</u>
	1932				1932		
C-219-G-13	Jan. 5		128.0	C-227-G-13	Feb. 17		28.1
	Mar. 1		126.1		Apr. 5		27.2
	Apr. 5	a	126.4		June 7		27.6
	May 3	a	127.3		Aug. 12		28.6
	Nov. 17	a	128.6		Oct. 14		29.1
	Dec. 6	a	129.9		Dec. 29	c	29.4
C-220a-G-14	Feb. 2		64.1	*C-230a-H-13	Mar. 8		23.6
	Mar. 1		54.3		Apr. 4		22.4
	Apr. 6		45.4		May 3		22.7
	June 7		49.2		June 7		24.0
	Aug. 8		54.1		Aug. 12		25.9
	Oct. 14		57.4		Oct. 14		26.7
	Dec. 17		58.8		Dec. 19		27.4
C-222g-G-13	Feb. 2	b	62.9	C-232a-H-13	Dec. 29		27.1
	Mar. 1	b	55.4		Jan. 4		30.8
	Apr. 11	b	57.1		Apr. 5		26.6
	May 3	b	54.0		June 6		25.3
	June 7	b	54.8		July 5		25.9
	Aug. 12	b	60.3	Nov. 17	a	27.6	
	Oct. 14	b	58.2	Dec. 29	c	27.4	
	Nov. 14	b	60.2				
	Dec. 20	b	58.8	C-234-H-13	Jan. 4		9.5
C-222i-G-13	Jan. 5		80.9	Feb. 17		7.5	
	Mar. 1		79.5	Apr. 18		8.9	
	Apr. 11		81.8	June 6		9.1	
	June 28		83.8	Aug. 8		10.1	
	Nov. 17	a	84.5	Oct. 14		11.0	
C-223-G-13	Jan. 5		47.3	Dec. 17		9.5	
	Mar. 1		42.5	C-235-H-13	Jan. 4		4.4
	Apr. 5		38.5		Mar. 8		5.1
	May 3		37.3		Apr. 4		5.6
	June 21		38.9		June 14		6.3
	Dec. 20		42.8		Aug. 8		6.9
			Oct. 14			6.9	
			Nov. 14		7.2		
			Dec. 17		6.7		

\* Beginning Mar. 8, 1932, ref. pt. is at top edge of casing at air line, 1.6 feet above ground. Elev. 278.3.

a Measurement from Los Angeles County Flood Control District.

b Ref. pt. (a) in Bulletin No. 39, used.

c Measurement from Pasadena Water Department.

Measurements from San Gabriel Valley Protective Association except as noted.

Well Number	Date	Dist.R.P. to water surface		Well Number	Date	Dist.R.P. to water surface	
		Feet				Feet	
	1932				1932		
C-236-H-13	Jan. 4		19.3	C-243-F-14, cont.	May 3		134.4
	Apr. 5		15.5		Aug. 8		138.6
	June 6		14.4		Oct. 14		142.6
	Aug. 12		16.0		Dec. 17		145.2
	Nov. 14		16.1				
	Dec. 29	a	15.7	C-243a-G-14	Feb. 16		123.9
C-237w-H-13	Apr. 13	b	10.1		Mar. 15	c	113.2
					Apr. 12	b	133.6
C-239-H-13	Feb. 23		11.9		Nov. 30	b	127.2
	Apr. 4		12.8	C-243b-F-14	Apr. 13	b	32.7
	May 16		12.6		Nov. 23	b	63.7
	June 20		13.8	C-244-G-14	Mar. 10		112.5
	Aug. 12		13.3		Apr. 19		106.9
	Oct. 14		13.1		May 31		106.4
Dec. 16		12.5	July 12			107.3	
C-240q-I-13	Feb. 13		4.0		Nov. 22	a	110.9
	Mar. 30		3.6		Dec. 19	a	112.1
	May 10		4.0	C-247i-G-14	Feb. 10		79.1
	July 26		4.2		Mar. 1		64.2
	Sep. 6		4.3		Mar. 29		56.5
	Oct. 11		3.8		Apr. 19		58.2
Dec. 20		3.7	Aug. 8			70.3	
C-241-F-14	Feb. 16		150.2		Oct. 14		73.2
	Mar. 29		146.3	Dec. 17		75.0	
	June 14		143.5	C-248-G-14	Feb. 16		62.6
	Oct. 20		144.0		Mar. 1		52.2
	Dec. 20		145.3		Mar. 29		43.0
C-242-F-14	Jan. 12		142.6		Apr. 12		42.7
	Mar. 29		127.7		May 3		51.6
	May 3		127.5		July 12		56.4
	June 14		128.7	Nov. 22	b	63.1	
	Aug. 8		130.9	Dec. 29	a	65.0	
	Sep. 23		133.2	C-249-G-14	Jan. 11		74.5
Dec. 17		135.6	Feb. 17			56.2	
C-243-F-14	Jan. 12		153.3		Mar. 14		46.3
	Mar. 29		135.7	Apr. 11		50.9	

a Measurement from Pasadena Water Department.

b Measurement from Los Angeles County Flood Control District.

c Pumped recently.

Measurements from San Gabriel Valley Protective Association except as noted.



Well Number	Date	Dist.R.P. to water surface	Well Number	Date	Dist.R.P. to water surface
		<u>Feet</u>			<u>Feet</u>
	1932			1932	
C-249-G-14, cont.	May 23	58.0	C-266-H-14	Jan. 19	35.3
	July 6	62.2		Feb. 10	35.1
	Oct. 14	67.1		Mar. 1	27.6
	Dec. 16	69.1		Apr. 21	b 34.7
C-251h-G-14				Sep. 2	41.1
	Feb. 10	61.1		Oct. 15	34.1
	Mar. 9	51.8	C-267-H-14	Nov. 30	b 35.4
	May 23	47.8		Dec. 10	36.9
	July 12	51.0			
	Sep. 23	54.6		Jan. 4	81.4
C-253-j-H-14	Dec. 16	56.4		Mar. 5	77.7
	Feb. 15	44.5		Mar. 28	76.6
	Mar. 21	37.9		Apr. 27	b 76.4
	May 23	35.0	C-277-F-15		
	Aug. 12	38.4		Jan. 5	43.7
	Oct. 14	39.9		Feb. 2	29.8
C-259-H-14	Dec. 16	41.0		Mar. 1	26.3
	Jan. 11	41.4		Apr. 6	27.1
	Mar. 28	35.2		June 7	29.2
	May 2	35.4		Aug. 15	38.2
	Aug. 20	39.8		Oct. 17	45.6
	Oct. 15	38.2	C-278-F-15	Dec. 19	50.1
C-262-H-14	Dec. 28	a 36.3		Jan. 6	b 34.8
	Jan. 4	65.5		Jan. 26	b 20.8
	Mar. 5	61.1		Mar. 1	b 14.0
	Apr. 5	57.5		Apr. 5	b 15.0
	June 6	55.9		June 2	b 17.3
	Aug. 20	58.7		July 7	b 23.8
	Nov. 11	58.9		Aug. 4	b 30.9
	Dec. 10	59.3		Sep. 22	b 42.7
C-264-H-14				Oct. 4	b 42.6
	Jan. 4	51.1		Nov. 21	b 50.0
	Mar. 5	48.1		Dec. 20	b 52.5
	June 6	46.0	C-280-F-15		
	Aug. 20	48.8		Jan. 12	146.1
	Oct. 15	46.9		Feb. 2	96.8
	Nov. 11	47.3		Mar. 1	36.8
	Dec. 28	a 45.3		Apr. 6	37.0
				June 7	40.0

a Measurement from Pasadena Water Department.

b Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

Well Number	Date	Dist.R.P. to water surface.	Well Number	Date	Dist.R.P. to water surface
		<u>Feet</u>			<u>Feet</u>
	1932			1932	
C-280-F-15, cont.	Aug. 15	51.1	C-285-F-16	Mar. 4	b 22.5
	Oct. 17	79.3		Apr. 11	b 26.4
	Nov. 19	93.5		May 18	b 28.0
	Dec. 28	a 107.9		June 9	b 35.9
C-281-F-15				July 21	b 60.2
	Jan. 5	188.7		Aug. 11	b 69.9
	Feb. 2	143.9		Sep. 22	b 86.1
	Mar. 1	63.6		Oct. 4	b 88.0
	Apr. 6	68.1		Nov. 29	b 103.4
	May 3	71.7		Dec. 13	b 104.6
	July 6	82.9	C-291-G-14		
	Aug. 15	101.8		Feb. 1	112.8
	Oct. 17	129.0		Mar. 5	99.5
	Nov. 19	142.0		Apr. 5	94.5
	Dec. 28	a 159.2		May 2	94.3
C-282-F-14				July 11	97.9
	Jan. 5	204.5		Sep. 3	101.9
	Mar. 1	194.4		Oct. 15	103.9
	Apr. 6	184.4		Dec. 10	106.2
	May 3	183.0	C-294-G-15		
	July 6	184.8		Mar. 15	a 113.0
C-282b-F-15	Sep. 23	190.7		Apr. 26	a 107.1
	Dec. 17	194.9		May 10	a 106.5
				June 7	a 107.1
				July 5	a 108.2
C-283-G-15	Apr. 12	bc 164.4		Aug. 3	a 110.1
	Dec. 6	bc 176.1		Sep. 7	a 113.0
				Oct. 5	a 114.3
C-284-G-15				Nov. 6	a 115.6
	Jan. 4	218.1		Dec. 10	a 116.9
	Mar. 5	211.3		Dec. 31	a 116.5
	Mar. 28	203.7			
	Aug. 15	201.1			
	Oct. 15	206.6			
	Dec. 16	209.1			

a Measurement from Pasadena Water Department.

b Measurement from Los Angeles County Flood Control District.

c Ref. pt.—Top of pit, 0.5 foot above ground. Elev. 442.7.

Measurements from San Gabriel Valley Protective Association except as noted.

## C-294a-G-15, LOS ANGELES COUNTY. MAP 6

Log available.

Location and description—400 feet west of Main Street, 375 feet north of Los Angeles Street, 200 feet east and 400 feet north of C-294-G-15, Baldwin Park.

Reference point—Top of casing, 0.7 foot above ground.

Elevation of reference point—387.8, from levels by P.W.D.

Use—Test well.

Depth of well—200 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. Co. F. C. D. No. 3030F.

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Date	Dist. R.P. to water surface <u>Feet</u>
1932	
May 10	110.2
June 7	111.1
July 5	112.0
Aug. 3	113.9
Sep. 7	116.8
Oct. 5	118.2
Nov. 5	119.5
Dec. 10	120.8
Dec. 31	120.4

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Measurements from Pasadena Water Department.

Well Number	Date	Dist.R.P. to water surface	Well Number	Date	Dist.R.P. to water surface
		<u>Feet</u>			<u>Feet</u>
	1932			1932	
C-295-G-15	Feb. 1	131.4	C-309-H-15	Feb. 24	60.2
	Apr. 5	119.0		Apr. 5	58.0
	June 6	115.9		May 2	59.4
	July 5	116.1		June 13	59.0
	Oct. 15	a 130.6		Aug. 20	61.9
	Nov. 14	133.4		Oct. 15	58.3
	Dec. 17	124.7		Nov. 11	59.2
C-296-G-15	Feb. 9	159.9	C-312-H-15	Dec. 10	57.3
	Apr. 5	151.2		Jan. 11	83.6
	June 6	145.5		Feb. 10	80.1
	July 11	153.5		Apr. 4	73.6
	Dec. 27	b 153.8		May 2	72.5
C-300-H-15	Feb. 2	142.3		July 5	78.7
	Apr. 5	137.1		Sep. 2	75.7
	June 7	131.8		Oct. 15	78.1
	July 5	131.0		Dec. 29	c 73.6
	Aug. 2	131.5	C-313-H-15	Mar. 8	69.6
	Oct. 4	133.4		Apr. 18	b 69.3
	Dec. 20	135.3		June 6	70.1
C-304-H-15	Jan. 5	85.6		July 11	69.4
	Mar. 8	87.8		Dec. 7	b 67.8
	Apr. 4	83.9	C-314-I-15	Jan. 4	67.2
	May 2	81.1		Feb. 10	65.6
	July 5	81.6		Mar. 8	64.9
	Aug. 20	84.4		Dec. 28	cd 65.0
	Oct. 15	83.2	C-317-I-15	Feb. 1	43.0
	Dec. 10	85.0		Apr. 5	39.2
C-305-H-15	Feb. 10	116.6		June 6	43.6
	Apr. 11	109.6		Aug. 20	47.2
	May 2	107.6		Oct. 15	46.3
	July 5	106.2		Dec. 28	c 45.5
	Aug. 20	108.0	C-320-F-16	Jan. 26	b 16.3
	Oct. 15	106.9		Apr. 19	c 10.0
	Dec. 10	108.5		May 17	b 10.5
C-307-H-15	Feb. 10	98.6		June 1	c 12.6
	Apr. 4	94.3		July 25	c 30.6
	May 2	92.4		Sep. 30	c 45.1
	July 5	91.0		Nov. 29	b 49.4
	Oct. 15	90.7			
	Dec. 10	91.5			

a Pumping.

b Measurement from Los Angeles County Flood Control District.

c Measurement from Pasadena Water Department.

d Windmill pumping slowly.

Measurements from San Gabriel Valley Protective Association except as noted.

Well Number	Date	Dist.R.P. to water surface		Well Number	Date	Dist.R.P. to water surface	
		Feet				Feet	
	1932				1932		
C-322-F-16	Feb. 23	a	15.8	C-333-F-16, cont.	Mar. 28		29.6
	Mar. 22	a	13.3		May 30		24.6
	Mar. 29	a	16.0		July 5		48.7
	May 18	a	17.7		Dec. 19		117.1
	June 9	a	28.5	C-334-F-16	Feb. 1		97.8
	July 6	a	52.6		Mar. 5		30.8
	Aug. 24	a	82.8		Apr. 5		20.4
	Oct. 4	a	102.1		June 6		12.8
	Dec. 5	a	120.5		July 11		26.8
	Dec. 20	a	113.6		Sep. 26		67.7
			Dec. 19			90.8	
C-323-F-16	Jan. 6	a	28.4		1931		
	Jan. 26	a	12.2	C-335-G-16	May 11	e	272.1
	Mar. 1	a	12.1		Oct. 19	e	277.6
	Apr. 5	b	10.3		Dec. 21	e	273.5
	June 27		44.3			1932	
	July 11		57.4		Jan. 4	e	272.9
	Aug. 15		80.1		Mar. 5		263.9
	Oct. 17		106.6		Apr. 5		249.8
	Dec. 19		119.2		June 6		243.9
	Dec. 28	b	109.9		Aug. 15		253.8
C-325-F-16	Jan. 6	a	29.7		Oct. 15		261.3
	Feb. 23	a	7.8		Dec. 17		262.6
	Mar. 22	a	4.3	C-337-G-16	Feb. 1		292.0
	May 1	a	7.5		Apr. 18		292.6
	Nov. 2	ac	101.0		Aug. 20		292.0
	Nov. 25	ac	111.3		Oct. 15		292.0
	Dec. 10	a	110.0		Dec. 17		292.4
C-328-F-16	Jan. 12		38.5	C-338-G-16	Feb. 1		247.8
	Feb. 15		22.2		Mar. 28		244.0
	Apr. 5	d	22.4		Sep. 2		243.3
	July 5	d	43.6		Oct. 15		242.9
	Aug. 15		61.9		Dec. 10		244.1
	Oct. 17	d	90.7	C-343-H-16	Feb. 2		195.5
	Dec. 19		107.3		Apr. 5		193.6
C-333-F-16	Jan. 25		121.6				
	Feb. 1		101.0				
	Feb. 29		48.4				

a Measurement from Los Angeles County Flood Control District.

b Measurement from Pasadena Water Department.

c Measurement by operator.

d Pumping nearby.

e Correction to Bulletin No. 39.

Measurements from San Gabriel Valley Protective Association except as noted.



Well Number	Date	Dist.R.P. to water surface	Well Number	Date	Dist.R.P. to water surface
		<u>Feet</u>			<u>Feet</u>
	1932			1932	
C-343-H-16, cont.	June 7	194.2	C-367-F-15	Feb. 1	287.2
	Aug. 2	198.7		Apr. 5	259.0
	Oct. 4	196.5		May 2	258.2
	Dec. 20	192.8		July 5	262.0
				Sep. 3	271.7
C-354-H-16	Feb. 1	178.8		Oct. 17	276.3
	Mar. 28	177.8		Dec. 19	279.7
	Apr. 12	a 179.5	C-376-G-11	Jan. 1	b 260.0
	Nov. 22	a 181.7		Apr. 1	b 260.0
C-360-G-16	Feb. 1	194.7		July 1	b 261.0
	Apr. 5	185.2		Oct. 1	b 261.0
	June 6	178.1		Dec. 1	b 262.0
	Aug. 15	180.5	C-382-H-14	Feb. 10	61.4
	Oct. 15	184.7		Mar. 8	62.3
	Dec. 17	187.1		Apr. 21	a 52.9
C-362-G-15	Feb. 15	236.0		Nov. 30	a 56.4
	Apr. 11	218.7	C-383-I-14	Jan. 8	19.3
	June 6	214.9		Mar. 23	18.8
	Aug. 13	220.9		Apr. 27	a 20.0
	Oct. 15	226.8		Nov. 21	a 20.7
	Dec. 17	229.5			
C-363-H-14	Feb. 17	32.7	C-383c-I-13	Apr. 27	ae 11.7
	Mar. 28	30.3		Nov. 21	ae 12.4
	Aug. 12	30.2	C-387-G-16	Feb. 15	225.9
	Oct. 14	30.5		Mar. 28	215.1
	Dec. 19	b 31.0		May 2	208.1
C-364-I-15	Feb. 1	34.5		June 6	205.3
	Mar. 5	33.3		July 5	206.5
	Apr. 5	33.2		Aug. 13	211.3
	May 2	33.8		Oct. 15	217.9
	June 6	41.0		Dec. 17	218.9
	July 5	43.4	C-399-G-16	Feb. 22	312.0
	Nov. 30	ac 36.9		Mar. 21	309.6
C-366-F-15	Mar. 14	259.2		Apr. 18	a 311.0
	Nov. 29	ad 277.6		Dec. 29	a 316.6

a Measurement from Los Angeles County Flood Control District.

b Measurement from Pasadena Water Department.

c Ref. pt.—Floor, at ground. Elev. 330.2.

d Ref. pt.—Top of casing at pump base, 1 foot above ground.  
Elev. 548.7.

e Ref. pt.—Base of pump, 1.2 feet above ground. Elev. 219.4

Measurements from San Gabriel Valley Protective Association except  
as noted.

Well Number	Date	Dist.R.P. to water surface	Well Number	Date	Dist.R.P. to water surface
		<u>Feet</u>			<u>Feet</u>
	1932			1932	
C-401-F-16	Apr. 20	163.5	C-485-F-18, cont.	May 10	395.2
	Dec. 13	172.4		May 17	389.6
C-401c-F-16				June 7	396.8
	Feb. 1	a 280.2		June 28	401.2
	Mar. 28	a 280.9		July 5	397.1
	Apr. 19	279.8		Aug. 16	413.8
	Aug. 15	a 279.6		Sep. 27	408.2
	Oct. 17	a 279.4		Oct. 4	411.6
	Nov. 19	a 279.4		Nov. 29	407.3
	Dec. 19	a 279.3		Dec. 6	410.4
C-404a-F-17	Apr. 20	32.9	C-498-G-18	Dec. 27	392.8
	Dec. 30	40.3		Feb. 1	316.0
C-405-F-17				Apr. 1	311.0
	Feb. 2	440.9	C-504-G-18	Dec. 29	306.0
	Mar. 8	440.1		Jan. 29	c 378.3
	Apr. 5	441.5		Mar. 16	c 381.4
	June 28	441.7		Apr. 16	c 378.3
	Aug. 16	439.6		June 17	c 378.4
	Oct. 18	438.0		Aug. 23	c 378.3
	Nov. 29	436.5		Nov. 1	c 378.3
C-415-F-17	Apr. 28	154.2		Dec. 4	c 378.3
	June 4	151.8	C-509-F-18	Jan. 29	c 257.5
	Dec. 28	159.5		Mar. 16	c 256.8
C-432-G-17	Apr. 18	88.9		Apr. 16	c 256.9
				July 13	c 257.6
C-437-G-17	Mar. 3	137.1		Sep. 29	c 257.8
	Apr. 18	142.2		Dec. 4	c 258.0
	Dec. 16	144.7	C-518-G-18	Apr. 13	123.8
C-452c-G-17	Apr. 18	b 200.7			
	Dec. 31	b 189.8	C-534-G-18	Jan. 28	c 151.5
C-453-G-17	Apr. 18	86.9		Apr. 16	c 150.9
	Dec. 7	85.3		June 17	c 150.4
C-485-F-18				Aug. 23	c 149.9
	Feb. 10	391.0		Dec. 4	c 149.7
	Mar. 22	380.2	C-547-G-18	Jan. 29	c 335.0
	Apr. 19	388.8		Feb. 26	c 329.5
	Apr. 26	385.2		Mar. 16	c 326.0
				June 17	c 349.0
				Dec. 4	c 388.0

a Measurement from San Gabriel Valley Protective Association.

b Ref. pt.—Top of casing, 0.8 foot above ground. Elev. 672.2.

c Measurement from La Verne Protective Association.

Measurements from Los Angeles County Flood Control District except as noted.

Well Number	Date	Dist.R.P.	Well Number	Date	Dist.R.P.	
		to water surface <u>Feet</u>			to water surface <u>Feet</u>	
	1932			1932		
C-558-G-18	Mar. 16	259.3	C-603-G-19, cont.	Apr. 20	a 346.9	
	Apr. 16	258.7		Nov. 16	a 354.9	
	June 17	257.9	C-611-G-19	Feb. 25	281.3	
	Sep. 29	258.0		Mar. 16	279.4	
	Nov. 1	256.3		Sep. 29	311.0	
	Dec. 9	257.5				
C-561-G-18	Jan. 28	196.3	C-612a-G-18	Mar. 16	300.0	
	Mar. 16	197.2		Apr. 16	282.8	
	Apr. 16	196.7		May 12	272.3	
C-581c-G-18	on next page			June 17	263.0	
				July 13	257.9	
C-593a-G-19	Jan. 29	319.0	Aug. 23	250.7		
	Feb. 26	314.5	Sep. 29	245.0		
	Mar. 16	314.6	Nov. 1	240.2		
	May 12	313.0	Dec. 4	236.0		
	Nov. 1	326.6	C-627-G-19	Jan. 29	236.3	
	Dec. 4	325.5		Mar. 16	227.4	
C-595-G-19	Jan. 29	231.9		Apr. 16	251.9	
	Mar. 16	218.6		June 17	282.2	
	Apr. 16	253.4		Aug. 23	294.2	
	June 17	284.1		Sep. 29	295.3	
	Aug. 23	262.2		Nov. 1	298.5	
	Sep. 29	235.3		Dec. 4	300.6	
	Nov. 1	232.5	C-655d-F-19	Feb. 26	225.1	
	Dec. 4	214.8		Mar. 26	217.0	
		Dec. 5		245.0		
	1929		C-655q-F-19	Apr. 25	a 26.5	
*C-603-G-19	Dec. 17	a 307.6		Dec. 21	a 43.8	
	1930		C-656-F-20	Jan. 29	245.9	
	Apr. 23	a 282.2		Feb. 27	242.7	
	Nov. 26	a 337.6		Apr. 27	248.1	
				Sep. 30	209.7	
	1931		C-656a-F-20	Feb. 27	b 235.5	
	May 28	a 330.7		Mar. 26	b 235.5	
	Dec. 8	a 337.6		Apr. 27	b 170.0	
				Sep. 30	b 218.6	
				Dec. 19	a 153.0	
			C-656h-F-20	Apr. 14	a 19.9	
				Dec. 21	a 39.9	

\*Distance from reference point to water surface, as published in Bulletin No. 39, is in error.

a Measurement from Los Angeles County Flood Control District.

b Measurement from J. R. Shoemaker.

Measurements from La Verne Protective Association except as noted.



C-581c-G-18, SAN DIMAS WATER CO. MAP 6

Log available.

Location and description—560 feet south of Pacific Electric Ry., 460 feet west of South "D" Street, south of La Verne.

Reference point—Air gage, 1 foot above ground.

Elevation of reference point—1025, from U. S. G. S. topog. by L.A.

Co. F. C. D.

Use—Irrigation.

Depth of well—742 feet.

Diameter of casing—18 inches.

Other numbers used—L. A. Co. F. C. D. No. 3220A.

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Date	Dist.R.P. to water surface	Date	Dist.R.P. to water surface
	<u>Feet</u>		<u>Feet</u>
1931		1932	
Mar. 19	278.0	Jan. 28	290.6
May 16	288.0	Feb. 25	281.5
June 11	290.5	Mar. 16	278.0
July 16	415.5	Apr. 16	348.0
Nov. 21	325.0	May 12	289.0
Dec. 24	302.5	Sep. 29	380.5
		Nov. 1	320.0
		Dec. 4	388.0

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Measurements from La Verne Protective Association.

Well Number	Date	Dist.R.P. to water surface	Well Number	Date	Dist.R.P. to water surface
		<u>Feet</u>			<u>Feet</u>
	1932			1932	
C-658-G-20	Feb. 27	211.6	C-673-H-19	Apr. 15	ab 168.8
	Apr. 27	212.6		Nov. 29	ab 175.6
	May 19	210.9	C-678k-4-19	Apr. 11	ac 99.8
	Sep. 30	194.4		Nov. 16	ac 101.0
C-659c-G-20	Jan. 30	171.6		1933	
	Mar. 26	157.2		Jan. 28	d 95.5
	May 19	155.9		1932	
	Aug. 25	166.3			
	Sep. 30	164.8			
	Dec. 5	160.7			
C-659g-G-20	Jan. 30	87.8	C-681-H-19	Apr. 11	ab 87.9
	Mar. 26	76.4		Nov. 16	ab 94.2
	May 19	67.9		1933	
	July 25	85.5		Jan. 28	d 87.5
	Aug. 25	87.9		1932	
	Sep. 30	80.7			
	Dec. 5	71.0			
C-659i-G-20	Apr. 27	220.8	C-682p-I-19	Apr. 11	a 60.9
	Sep. 30	170.6		June 14	a 78.0
	Dec. 21	a 174.9		Aug. 16	a 83.8
C-660-G-19	Feb. 26	197.9		Nov. 16	a 68.5
	Apr. 14	a 204.1	C-700a-I-16	Apr. 21	a 36.1
C-663-G-19	Jan. 29	278.7		Dec. 5	a 53.8
	Mar. 26	263.4	*C-701-I-17	Jan. 5	a 30.4
	May 19	254.4		Mar. 8	a 26.1
	June 24	254.4		Apr. 19	a 27.1
	Dec. 5	277.5		June 7	a 28.9
C-665-G-20	Feb. 27	186.9		July 12	a 33.3
	July 25	237.7		Aug. 16	a 35.4
C-670e-G-19	July 25	248.1		Sep. 20	a 33.8
	Aug. 25	254.8		Oct. 25	a 33.3
	Sep. 30	225.2		Nov. 29	a 34.2
	Nov. 2	256.4		Dec. 27	a 32.1
	Dec. 5	258.5	C-703-H-18	Apr. 11	108.1
				Nov. 28	111.7

\* Beginning Jan. 5, 1932, ref. pt. is top of casing, 1.8 feet above ground. Elev. 526.8.

a Measurement from Los Angeles County Flood Control District.

b Ref. pt.—Base of pump, at ground.

c Ref. pt.—Floor of pump, at ground. Elev. 807.5.

d Measurement from Division of Water Resources.

Measurements from Pomona Valley Protective Association except as noted.

Well Number	Date	Dist.R.P. to water surface		Well Number	Date	Dist.R.P. to water surface	
		<u>Feet</u>				<u>Feet</u>	
	1932				1932		
C-703c-H-18	Apr. 13	a	100.1	C-803g-I-12, cont.	Sep. 30		47.2
	Nov. 28	a	104.7		Oct. 24		47.5
C-704-H-18	Apr. 13	ab	68.6		Nov. 18		47.9
	Nov. 28	ab	68.8		Dec. 3		48.0
					1933		
C-705-H-17	Apr. 17	ac	43.2		Jan. 11	a	46.2
	Nov. 28	ac	53.3				
					1932		
C-707-I-17	Apr. 21	a	16.1	C-803r-I-12	Jan. 13		70.0
	Nov. 28	a	17.9		Feb. 27		63.3
C-708-I-15	Apr. 21	a	55.5		Apr. 5		61.4
	Nov. 30	a	67.8		May 10		69.2
C-709-I-16	Apr. 21	a	39.2		June 28		74.3
	Dec. 13	a	54.3		Sep. 30		80.4
C-712-J-16	Apr. 21	a	44.5		Oct. 24		81.0
	Nov. 30	a	41.1	Dec. 3		81.6	
C-713-I-16	Apr. 21	a	67.1	C-803w-I-13	Feb. 27		7.8
	Nov. 30	a	69.8		Mar. 18		8.1
C-714-J-15	Apr. 21	a	8.2	C-804L-I-13	Feb. 27		22.1
	Nov. 30	a	7.9				
					1933		
C-801a-I-13	Feb. 27		54.2		Jan. 11	a	28.0
	Apr. 9		53.1				
	June 7		59.5		1932		
	July 5		69.5				
	Sep. 6		69.4	C-804p-I-13	Feb. 27		5.7
	Oct. 24		64.5		Mar. 18		6.0
	Nov. 18		67.1	C-804q-I-13	Apr. 27	a	27.0
	Dec. 3		65.7		Nov. 21	a	27.3
	C-803g-I-12	Jan. 13		45.1	C-804t-I-13	Feb. 27	
Feb. 3			43.2	Mar. 18			36.0
Mar. 30			34.2	May 5		ad	36.9
May 10			35.9				
July 5			41.3		1933		
Aug. 16			45.0		Jan. 11	ad	46.7

a Measurement from Los Angeles County Flood Control District.

b Ref. pt.—Top of casing, at ground. Elev. 704.0.

c Ref. pt.—Top of casing, 0.5 foot above ground. Elev. 640.0.

d Ref. pt.—Hole in pump base.

Measurements from San Gabriel Valley Protective Association except as noted.

Well Number	Date	Dist.R.P. to water surface		Well Number	Date	Dist.R.P. to water surface		
		Feet				Feet		
	1932				1932			
C-806-I-12	Feb. 19	23.1		C-813-J-12	Jan. 22	56.6		
	Mar. 9	20.8			Mar. 10	50.7		
	May 5	a 21.3			Apr. 21	a 50.8		
			Dec. 27		a 58.9			
	1933							
	Jan. 11	a 24.5		C-814-I-13	Feb. 27	51.4		
					Apr. 5	47.7		
					May 17	50.7		
	1932				June 28	57.5		
C-807-I-12	Jan. 12	96.6			Sep. 30	63.2		
	Mar. 3	70.1			Oct. 24	62.5		
	Apr. 9	76.7			Dec. 3	63.5		
	June 30	89.9		*C-819-J-13	Jan. 6	a 19.7		
	Aug. 6	93.2			Mar. 9	a 14.1		
	Oct. 28	97.8			Apr. 15	a 15.8		
Dec. 21	98.2		May 13		a 18.0			
			Aug. 5		a 23.2			
			Sep. 15		a 21.3			
C-808-I-12	Feb. 19	83.6			Oct. 13	a 21.1		
	Apr. 9	80.2			Nov. 9	a 22.0		
	May 14	79.3						
	July 21	81.8						
	Sep. 12	84.4		C-825g-J-12	Apr. 21	a 49.2		
	Oct. 28	86.4			May 7	47.4		
	Dec. 21	87.4			Dec. 27	50.8		
C-808c-I-12	Jan. 7	94.6		C-827-J-12	Jan. 20	49.2		
	Jan. 21	95.0			Apr. 5	46.5		
	Mar. 9	82.6			May 18	46.3		
			Aug. 3		47.9			
C-810-I-11	Jan. 20	116.8				Oct. 19	50.3	
	Apr. 9	117.3				Nov. 30	51.0	
	June 30	117.9						
	Aug. 6	118.0		C-828-J-12	Jan. 20	43.3		
	Sep. 12	118.5			Mar. 4	42.6		
	Oct. 28	118.7			Apr. 16	45.7		
	Dec. 21	119.4			July 7	46.0		
					Aug. 17	48.5		
C-812-I-11	Jan. 7	57.0			Oct. 19	47.4		
	Mar. 9	52.7			Nov. 30	47.1		
	Apr. 13	a 58.8						
	Dec. 20	a 59.2		C-829j-J-11	Apr. 13	a 42.8		
					Dec. 21	a 44.0		

\* Beginning Jan. 6, 1932, ref. pt. is top of casing, at ground. Elev. 150  
a Measurement from Los Angeles County Flood Control District.  
Measurements from San Gabriel Valley Protective Association except  
as noted.



Well Number	Date	Dist.R.P. to water surface		Well Number	Date	Dist.R.P. to water surface	
		<u>Feet</u>				<u>Feet</u>	
	1932				1932		
C-830k-I-12	Jan. 12		81.9	C-852-K-13, cont.	Nov. 30	a	41.0
	Jan. 21		82.5		Dec. 29	a	38.6
	Mar. 9		74.4	C-853-K-13	Feb. 19		41.5
C-832-J-11	Jan. 16		61.8		Mar. 25		43.6
	Feb. 20		65.1		May 2		46.5
	Mar. 25		60.8		July 14		52.9
	Apr. 13	a	68.9		Aug. 25		53.4
	June 23	b	63.0		Sep. 22		50.2
	Dec. 27)	b	64.0		Dec. 2		46.8
Could not get below)				C-853a-K-13	Feb. 4		61.8
C-834c-J-11	Apr. 13	ac	34.7		Mar. 10		61.1
	Dec. 15	ac	40.1		Apr. 16		63.1
C-845a-K-13	Feb. 18		55.6		July 7		65.7
	Mar. 25		55.0		Sep. 10		67.0
C-848-K-12					Oct. 6		66.4
	Jan. 21		29.2		Nov. 3		66.4
	Mar. 16		28.4		Dec. 22	b	65.2
	Apr. 27		31.3	C-855f-L-13	Apr. 20	a	21.6
	July 13		35.2	*C-856c-L-13	Feb. 19	d	22.3
	Sep. 21		36.4		Mar. 1	d	22.2
	Oct. 19		35.4		Apr. 4	d	26.9
	Nov. 16		35.6		June 16	d	33.7
Dec. 21		32.7		Aug. 5	d	36.7	
C-850v-K-12	Apr. 21	a	41.1		Sep. 8	d	35.2
C-851k-K-12	Apr. 19	a	31.6		Oct. 22	d	32.2
C-852-K-13					Dec. 22	d	26.8
	Feb. 12	a	34.0	C-857-K-13	Jan. 30		32.0
	Mar. 31	a	39.2		Mar. 4		30.9
	Apr. 27	a	44.8		Mar. 25		32.8
	May 13	a	41.2		Apr. 27	a	34.4
	July 21	a	47.1	C-858-L-13	Mar. 3		18.9
	Sep. 2	a	45.4		Apr. 20	a	28.5
Oct. 6	a	42.8					

\*Beginning Apr. 4, 1932, ref. pt. is top of casing, 0.3 foot below ground. Elev. 74.7.

a Measurement from Los Angeles County Flood Control District.

b Measurement from Pasadena Water Department.

c Ref. pt.—Hole in floor of recorder, 2.1 feet above ground. Elev. 119.

d Measurement from Orange County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

Well Number	Date	Dist.R.P. to water surface		Well Number	Date	Dist.R.P. to water surface	
		<u>Feet</u>				<u>Feet</u>	
	1932				1932		
*C-860a-L-12	Feb. 19		20.7	C-872a-K-11, cont.	Oct. 12		22.4
	Mar. 25		28.9		Nov. 2		22.2
	May 2		31.1		Dec. 21		18.1
	July 7		36.7	C-874-K-11	Feb. 19		27.7
	Aug. 25		41.5		Mar. 25		32.3
	Oct. 24		32.2		May 4		36.5
	Dec. 2		30.8		July 27		42.8
C-861-L-12	Feb. 12		18.8		Aug. 17		43.2
	Mar. 4	a	34.7	Oct. 19		38.0	
	May 2	a	30.4	Nov. 30		36.4	
	July 18	a	40.9	C-876a-L-11	May 6	b	18.6
	Oct. 6	a	33.2				
	Dec. 2		27.5				
C-863-K-12	Dec. 21	b	25.5		1933		
					Jan. 3	b	13.3
C-865-K-11	Jan. 20		27.6	C-877d-L-11	1932		
	Feb. 19		27.1		Jan. 20	c	6.3
	Mar. 4		27.3		Feb. 19		5.3
	Apr. 14	b	36.2		Mar. 4		6.5
	Dec. 20	b	30.0		Apr. 6		11.9
C-866-K-11	Apr. 14	b	32.0	May 11		16.0	
	Dec. 20	b	29.7	July 27		20.4	
C-866a-K-11	Jan. 20		27.1	Sep. 21		18.2	
	Feb. 19		26.1	Oct. 19		14.4	
	Mar. 25		29.2	Nov. 30		13.9	
C-872-K-11	Feb. 19		21.5	C-877i-L-11	Mar. 2	d	8.8
	Mar. 4		22.5		June 8	d	20.2
	Apr. 6		27.9		Aug. 5	d	23.2
	June 8		31.9		Nov. 15	d	19.4
	Aug. 10		36.7		1931		
	Oct. 5		30.4	C-885a-L-11	Aug. 6		21.1
	Nov. 30		28.5		Oct. 1		15.7
					Dec. 9		9.0
C-872a-K-11	Jan. 21		14.7	1932			
	Feb. 18		13.8	Feb. 19		5.0	
	Mar. 23		18.9				
	May 18		21.9				
	June 1		26.3				
	Aug. 10		29.2				

\* Beginning Mar. 25, 1932, ref. pt. is at end of 3/4-inch pipe in concrete at pump base. Elev. 86.6.

a Windmill shut down before measuring.

b Measurement from Los Angeles County Flood Control District.

c Correction to Bulletin No. 39.

d Measurement from Los Angeles Department of Water and Power.

Measurements from San Gabriel Valley Protective Association except as noted.

Well Number	Date	Dist.R.P. to water surface	Well Number	Date	Dist.R.P. to water surface
		<u>Feet</u>			<u>Feet</u>
	1932			1932	
C-885a-L-11, cont.	Apr. 6	11.3	C-891-L-13	Feb. 19	b 9.6
	June 1	16.3		Mar. 1	b 10.0
	July 20	20.1		Apr. 4	b 20.5
	Sep. 21	17.8		June 16	b 29.3
	Oct. 19	14.4		Aug. 5	b 33.9
	Nov. 30	13.3		Oct. 22	b 23.3
	1931			Nov. 14	b 25.8
				Dec. 22	b 16.5
C-885c-L-11	July 10	16.0	C-894-L-13	Jan. 16	16.8
	Oct. 2	12.1		Feb. 19	14.7
	Dec. 10	6.1		Mar. 25	17.7
	1932			May 2	26.9
	Feb. 12	2.5		Aug. 25	36.6
	Mar. 25	4.8		Oct. 6	32.3
	June 1	11.6	C-895-L-14	Nov. 25	27.1
	Aug. 10	14.6		Apr. 26	a 22.0
	Oct. 5	11.0		1933	
	Nov. 30	10.2		Jan. 6	a 23.2
	1931			1931	
C-885e-L-11	July 24	21.1	C-896-L-13	July 27	33.4
	Sep. 18	17.8		Oct. 15	23.2
	1932			Dec. 11	12.3
	Sep. 21	18.1		1932	
	Oct. 19	13.1		Mar. 26	8.6
	Nov. 30	12.3		Apr. 16	15.7
C-887-L-12	May 6	a 18.2		June 27	28.0
	1933			Aug. 25	31.0
	Jan. 3	a 11.9		Sep. 22	26.4
	1932			Oct. 24	20.1
C-888b-L-12	Mar. 4	10.2	C-896e-M-13	Dec. 2	19.0
	Mar. 25	14.6		Mar. 1	b 10.8
				Apr. 4	b 17.4
				May 9	b 21.8
				June 16	b 29.3

a Measurement from Los Angeles County Flood Control District.

b Measurement from Orange County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

Well Number	Date	Dist.R.P. to water surface		Well Number	Date	Dist.R.P. to water surface	
			<u>Feet</u>				<u>Feet</u>
	1932				1932		
C-896e-M-13, cont.	Aug. 5	a	34.1	C-902a-L-11	Mar. 7		5.4
	Sep. 8	a	32.8		Apr. 6		8.6
	Oct. 24	ab	25.6		June 1		11.7
	Dec. 22	a	19.2		Aug. 10		14.5
C-897k-M-13					Sep. 7		17.0
	Feb. 19		17.7		Oct. 5		14.5
	June 16		10.0		Nov. 30		14.4
	July 12		24.6	C-902f-M-11			
	Aug. 5		27.8		Apr. 26	c	9.7
	Oct. 24		17.3		Dec. 16	c	12.0
	Dec. 22		11.5	C-907f-M-11			
C-899i-M-13					Apr. 26	c	13.0
	May 6	c	14.6	C-908b-M-12			
C-900-M-13					Mar. 26		17.9
	Mar. 3		15.8	Apr. 26	c	19.7	
	Mar. 31		21.6				
	Apr. 18		26.7		1933		
	May 23		29.8				
	July 25		39.4		Jan. 3	c	27.1
	Sep. 29		38.3				
	Oct. 20		30.7		1932		
	Nov. 17		32.3	C-908e-M-12			
Dec. 22		24.9	Mar. 3			1.9	
	1931			Apr. 26	c	10.3	
C-900h-M-13				C-909-N-13			
	Aug. 11	a	31.5		Mar. 1	a	+3.9
	Oct. 6	a	23.1		Apr. 13	a	1.8
	Dec. 2	a	12.6		Aug. 8	a	14.1
					Sep. 12	a	15.3
	1932					Oct. 24	a
					Nov. 18	a	9.6
					Dec. 23	a	5.2
	Jan. 11	a	6.0	C-909c-M-12			
	Feb. 19	a	3.7		Mar. 3		11.7
	Mar. 1	a	3.3		Apr. 4		14.9
	Apr. 4	a	9.1		June 6		25.6
	May 4	a	15.7		Aug. 25		30.3
	June 16	a	23.2		Oct. 13		25.2
	Aug. 5	a	18.3		Dec. 22		21.0
	Sep. 8	a	26.5	C-910d-O-12			
	Oct. 22	a	19.3		Mar. 15		26.6
	Dec. 22	a	11.8				
C-901g-M-12	Apr. 20	b	11.7				

a Measurement from Orange County Flood Control District.

b Down 5 minutes.

c Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.



Well Number	Date	Dist.R.P. to water surface		Well Number	Date	Dist.R.P. to water surface		
		Feet				Feet		
	1932				1932			
C-910j-O-12	Feb. 20	a	8.7	C-913c-N-11	May 2	b	39.3	
	May 14	a	16.7					
	Aug. 12	a	14.0	C-914b-N-12	May 2	b	25.8	
	Sep. 13	a	15.6					
	Nov. 19	a	16.3	C-916-N-12	Apr. 26	b	16.1	
	Dec. 23	a	13.0		June 10	c	20.4	
			Dec. 21		b	18.3		
C-910n-O-12	Feb. 19	a	2.6	C-916g-N-12	Apr. 26	b	6.3	
	Mar. 21	a	3.0		Dec. 6	c	12.7	
	May 14	a	4.1	C-926-M-11	Mar. 2		61.6	
	July 15	a	11.8		Apr. 6		63.1	
	Sep. 13	a	8.0		June 1		66.4	
	Oct. 25	a	9.4		Aug. 3		64.9	
	Dec. 23	a	6.4		Oct. 5		73.8	
C-911-O-13	Apr. 14	a	1.0		Nov. 2		74.4	
	June 23	a	5.5	Dec. 21		63.8		
	Aug. 8	a	7.6	C-927a-N-14	Apr. 13	a	38.3	
	Oct. 25	a	9.1		May 8	a	40.2	
	Dec. 23	a	5.0		Aug. 8	a	48.3	
C-912b-O-13	Mar. 14		10.8		Dec. 23	a	35.0	
	Apr. 7		12.6	C-927c-N-14	Mar. 26		27.6	
	June 2		17.6		Sep. 12	a	43.5	
	Aug. 30		24.2		Oct. 24	a	35.4	
	Oct. 24		22.4		Nov. 18	a	36.5	
	Nov. 25		22.2		Dec. 22	ad	30.7	
C-912c-O-13	Feb. 22		2.3		C-927k-N-14	Feb. 1		20.5
	Mar. 14		2.6	Apr. 2		e	26.2	
	Apr. 7		6.8	May 8		a	32.0	
	June 2		14.8	Aug. 18		a	37.8	
	Aug. 26		18.5	Nov. 18		a	34.0	
	Sep. 12		19.0	Dec. 23		a	26.8	
	Oct. 24		15.1	C-929f-L-11		Mar. 2		45.7
	Nov. 25		14.6			Apr. 6		49.6
C-912h-N-13	Feb. 15		4.0					
	Mar. 14		3.9					

a Measurement from Orange County Flood Control District.

b Measurement from Los Angeles County Flood Control District.

c Measurement from Pasadena Water Department.

d Ref. pt.—1/2-inch plug hole in discharge pipe, 1.0 foot above concrete base and block. Elev. 48.3.

e Measurement by Division of Water Resources.

Measurements from San Gabriel Valley Protective Association except as noted.

Well Number	Date	Dist.R.P. to water surface		Well Number	Date	Dist.R.P. to water surface	
		<u>Feet</u>				<u>Feet</u>	
	1932				1932		
C-929f-L-11, cont.	June 1		55.8	C-948f-L-14, cont.	June 16	d	39.6
	Aug. 3		54.7		Oct. 24	d	41.3
	Oct. 5		52.9		Dec. 22	d	38.3
	Nov. 2		53.1	C-949-M-14	Feb. 19	d	13.3
	Dec. 21		48.1		Apr. 4	d	15.6
C-935f-M-10	Jan. 22	a	10.3		June 16	d	18.3
	Mar. 17	a	8.5		Aug. 5	d	19.2
C-937b-N-11					Sep. 8	d	19.3
	Feb. 20		50.9	Oct. 21	d	18.1	
	Mar. 26		53.4	Nov. 14	d	18.9	
	Apr. 1	bc	62.1	Dec. 22	d	17.2	
	May 1	bc	60.5	C-949c-M-14	Feb. 19	d	20.2
	June 1	bc	66.0		Mar. 1	d	20.2
	July 1	bc	61.2		Apr. 4	d	22.5
	Oct. 1	bc	55.5		June 16	d	26.6
	Nov. 1	bc	56.7		July 12	d	27.4
	Dec. 1	bc	49.5		Oct. 21	d	28.4
					Dec. 22	d	22.7
*C-938c-N-11	Feb. 17		21.5	C-950a-M-14	Feb. 19		38.6
Mar. 20		21.4	Mar. 7			40.7	
Dec. 7	b	26.8	Apr. 7			50.9	
C-940b-N-12	Mar. 26		0.9		June 4		61.3
	May 16		5.5		Sep. 10		69.1
	July 11		16.9	Oct. 24		56.3	
	Sep. 8		21.3	Dec. 2		56.3	
	Oct. 6		19.4	C-950d-M-13	Feb. 26		9.9
	Nov. 25		13.1				
C-942a-K-14	Mar. 4		64.0	C-950e-M-13	Mar. 7		15.0
	Apr. 4		64.8				
	June 6		67.8	C-950n-M-14	Mar. 1	d	33.5
	July 11		74.2		May 8	d	49.3
	Sep. 15		73.3		Aug. 1	d	59.2
	Oct. 6		71.9		Oct. 22	d	48.4
	Nov. 24		69.7		Dec. 22	d	44.7
	Dec. 7		78.5				
C-948f-L-14	Feb. 19	d	29.3	C-950p-L-14	Mar. 1	d	21.4
	Mar. 1	d	28.4		Apr. 4	d	27.2
	Apr. 4	d	30.8		May 9	d	32.9
			June 16		d	42.2	

\* Beginning Feb. 17, 1932, ref. pt. is top of 1" x 6" boards on top of platform, 0.07 feet above old ref. pt. Elev. 26.1.

a Measurement from Los Angeles Department of Water and Power.

b Measurement from Pasadena Water Department.

c Measurement by Long Beach Water Department.

d Measurement from Orange County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

Well Number	Date	Dist.R.P. to water surface		Well Number	Date	Dist.R.P. to water surface		
		Feet				<u>Feet</u>		
	1932				1932			
C-950p-I-14, cont.	Aug. 5 ab	44.3		C-963-I-11	Mar. 31	142.8		
	Oct. 24 ab	36.1			Apr. 30	140.0		
	Dec. 22 ab	30.4			July 31	142.6		
C-957-H-11					Sep. 30	137.9		
	Mar. 31	84.5			Oct. 31	137.5		
	May 31	85.0		Dec. 31	140.3			
	July 31	86.0		C-963e-H-12	Apr. 13	c 17.4		
	Sep. 30	86.0			C-964e-I-11	Mar. 31	135.3	
Dec. 31	85.0		May 31			139.0		
C-958-I-11						July 31	142.8	
	Mar. 31	135.0				Sep. 30	143.8	
	Apr. 30	134.0		Nov. 30		144.3		
	June 30	137.0		Dec. 31	144.0			
	Aug. 31	138.5		C-965-I-11	Mar. 31	69.5		
Sep. 30	139.0		May 31		73.3			
Dec. 31	138.0		Aug. 31		74.8			
C-960-I-11					Sep. 30	74.3		
	Mar. 31	111.5			Nov. 30	73.8		
	May 31	112.5		Dec. 31	71.3			
	July 31	115.5		C-966-I-11	Mar. 31	68.0		
	Sep. 30	115.5			May 31	73.0		
Dec. 31	114.0		July 31		75.0			
C-961-I-11					Sep. 30	76.0		
	Mar. 31	98.7			Oct. 31	74.0		
	May 31	112.5		Dec. 31	68.0			
	July 31	115.0		C-966a-I-11	Apr. 13	c 46.0		
	Sep. 30	116.0			Dec. 15	c 48.1		
Oct. 31	116.0		C-968-K-15		Jan. 23	a 67.3		
Dec. 31	115.0			Apr. 11	d 66.2			
C-962-I-11					June 28	a 63.9		
	Feb. 29	110.0			Sep. 1	a 62.9		
	Mar. 31	112.0			Oct. 18	a 62.3		
	May 31	115.0		C-969-K-16	Jan. 23	a 91.9		
	July 31	119.0			Mar. 7	a 97.9		
Sep. 30	119.0		June 28		a 89.4			
Dec. 31	116.5							
C-962c-I-11								
	Mar. 31	97.0						
	May 31	98.0						
	July 31	98.0						
	Sep. 30	100.0						
Oct. 31	101.0							
Dec. 31	99.0							

a Measurement from Orange County Flood Control District.

b Ref. pt.—Top of blocks, 0.1 foot higher than casing.

c Measurement from Los Angeles County Flood Control District.

d Measurement from Division of Water Resources.

Measurements from California Water Service Company except as noted.

Well Number	Date	Dist. R.P. to water surface		Well Number	Date	Dist.R.P. to water surface	
		<u>Feet</u>				<u>Feet</u>	
	1932				1932		
C-971-K-16	Jan. 23	a	24.5	C-978-M-16	Mar. 16	a	127.1
	Apr. 11	b	22.2		July 23	a	148.0
	June 28	a	27.9		Sep. 24	a	150.4
	Sep. 1	a	26.2		Nov. 16	a	149.4
	Oct. 18	a	27.0		Dec. 16	a	145.9
	Nov. 16	a	26.6				
C-974n-M-16	Feb. 17	a	161.8	C-978a-M-16	Mar. 21		117.1
	Mar. 16	a	158.6	C-979b-M-15	Feb. 20		96.7
	Apr. 11	a	157.8		Mar. 14		92.7
	Aug. 29	a	166.8	C-979c-M-15	Mar. 14		96.6
	Sep. 23	a	166.0		Apr. 7		97.7
	Oct. 17	a	165.5		June 2		101.1
	Dec. 16	a	166.1		Aug. 26		104.8
C-975a-L-15	Mar. 9	ac	93.1		Oct. 7		104.9
	Apr. 8	ac	95.1		Nov. 25		105.5
	June 17	ac	99.7	C-979e-M-15	Mar. 14		80.3
	Sep. 17	ac	104.5				
	Oct. 18	ac	101.4	C-980a-M-14	Feb. 29		25.6
	Nov. 15	ac	105.1	C-981d-L-14	Feb. 19		47.0
Dec. 16	ac	100.7					
C-975b-L-15	Mar. 9	a	68.4	C-981m-M-14	Mar. 1	a	27.5
	May 11	a	66.7		Apr. 4	a	28.9
	June 17	a	65.0		June 16	a	34.0
	Sep. 17	a	66.0		Aug. 5	a	36.5
	Oct. 18	a	65.1		Sep. 8	a	36.9
	Dec. 16	a	65.2		Oct. 24	a	34.5
C-975L-L-15	Mar. 14		86.9		Dec. 24	a	32.8
C-975n-L-16	Apr. 10	a	128.8	C-982a-M-14	Mar. 14		30.1
	Sep. 17	a	131.5		Apr. 7		36.4
	Oct. 18	a	131.7		May 6		34.1
	Nov. 15	ad	134.1		June 2		38.0
	Dec. 16	ad	133.0		July 9		40.1
C-976c-M-15	Feb. 15	e	120.0		Oct. 7		39.1
	Mar. 16	e	118.0		Nov. 25		39.9
	Apr. 2	e	119.0	C-982b-M-14	Mar. 14		28.7

a Measurement from Orange County Flood Control District.

b Measurement from Division of Water Resources.

c Ref. pt. (c) in Bulletin No. 39 used.

d Ref. pt.—Top of blocks, 0.4 foot above old reference point.

e Measurement from owner.

Measurements from San Gabriel Valley Protective Association except as noted.



Well Number	Date	Dist.R.P. to water surface		Well Number	Date	Dist.R.P. to water surface		
		<u>Feet</u>				<u>Feet</u>		
	1932				1932			
C-983-M-14	Mar. 1		42.6	C-986-N-14, cont.	June 21	a	43.5	
	Apr. 4		43.1		Aug. 8		44.3	
	June 16		45.6		Sep. 13		45.1	
	July 12		48.4		Oct. 24	c	44.5	
	Sep. 8	a	47.8		Dec. 23		43.6	
	Oct. 21	a	48.3					
	Dec. 22	a	46.1	C-986a-N-15	Feb. 26	b	49.4	
C-983a-M-14	Feb. 20	b	54.3	*C-986e-N-15	Mar. 16		82.5	
	Mar. 14	b	54.5		May 17		86.1	
	Apr. 23	b	62.4		July 18		90.7	
	June 23	b	69.2		Sep. 16		91.8	
	Oct. 7	b	68.2		Oct. 20		90.7	
	Nov. 25	b	66.9		Nov. 21		92.5	
					Dec. 19		88.9	
C-983e-M-15	Mar. 15	b	76.4	C-987-N-14	Feb. 20		39.2	
	Mar. 26	b	77.8		Mar. 1		41.6	
C-983p-M-15	Mar. 9		67.1		Apr. 2	d	48.2	
	Apr. 8		67.2		June 23		58.0	
	July 26		69.5		July 14		58.4	
	Sep. 19		70.7		Sep. 13		55.7	
	Nov. 15		71.4		Oct. 25		53.5	
	Dec. 16		71.8		Nov. 18		55.7	
					Dec. 23		45.4	
C-984b-N-14	Jan. 7	b	31.6	C-987d-O-14	Feb. 16	b	39.3	
	Feb. 18	b	30.0		Mar. 26	b	43.1	
	Mar. 24	b	32.3	C-988a-O-14	Feb. 22	b	26.9	
	May 19	b	39.2		Mar. 15	b	29.5	
	Aug. 24	b	45.3					
	Sep. 28	b	43.3					
C-985-N-14	June 21		36.9	C-989a-O-14	Feb. 22	b	12.0	
	Aug. 12		39.2		Mar. 26	b	16.4	
	Nov. 18		36.5	C-989j-O-14	Apr. 13		23.9	
	Dec. 23		32.1		May 13		22.0	
C-986-N-14	Feb. 19		40.0		June 23		29.6	
	Apr. 13		41.7		Aug. 8		28.8	
					Sep. 13		26.9	
					Oct. 25		23.9	
					Nov. 18		24.1	
				Dec. 23		17.4		

\* Beginning Mar. 16, 1932, ref. pt. is top of casing, 0.5 foot above ground. Elev. 111.0.

a Ref. pt.—Top of casing, 1.3 feet above ground. Elev. 93.4.

b Measurement from San Gabriel Valley Protective Association.

c Pumping slowly.

d Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

Well Number	Date	Dist.R.P. to water surface		Well Number	Date	Dist.R.P. to water surface	
		Feet	Feet			Feet	Feet
	1932				1932		
C-991e-C-13	Feb. 4	a	13.8	C-996b-P-14	Feb. 16	a	2.8
	Apr. 2	b	15.2		Mar. 26	a	3.4
	July 4	a	22.3				
	Aug. 18		32.7	C-997-P-14	Jan. 13		52.2
	Sep. 15	a	29.1		Mar. 30		51.5
	Oct. 20	a	27.0		May 17		52.0
	Dec. 22	a	18.5		Aug. 19		54.0
			Oct. 26			53.3	
			Dec. 20		52.7		
*C-992b-P-14	Feb. 23		9.5	C-997c-Q-14	Mar. 30		29.1
	Mar. 30		12.7		May 17		29.1
	May 17		13.9		Aug. 19		29.6
	July 21		18.6		Oct. 26		29.3
	Sep. 15		16.4		Dec. 20		29.2
	Oct. 26		15.0				
	Dec. 20		10.8				
C-992e-P-13	Feb. 26		1.0	C-997d-Q-14	Jan. 13		47.0
	Mar. 30		2.8		Mar. 30		44.8
	May 17		5.6		May 18		44.9
	July 19		9.6		July 19	Dry	52.0
	Sep. 15		12.5		Sep. 15		47.1
	Oct. 25		11.2		Oct. 26		47.2
	Nov. 25		10.0		Dec. 20		46.8
	Dec. 20		5.9				
C-995e-P-14	Dec. 20	+	2.0	C-998-P-14	Feb. 25		6.2
					Apr. 1		4.9
C-995k-P-13	Feb. 23		7.3		May 18		6.5
	Mar. 21		7.2		Aug. 19		13.9
	May 17		7.7		Oct. 26		18.7
	July 19		8.6	Dec. 20		14.2	
	Oct. 25		9.8				
	Dec. 20		9.0	C-998d-C-15	Feb. 23		24.0
C-995m-P-13	Feb. 23		3.9		Mar. 21		28.3
	Mar. 30		1.4		Apr. 15		35.4
	May 17		2.8		June 21		41.5
	July 19		6.6		July 19		40.8
	Nov. 25		16.6		Aug. 15		41.4
	Dec. 20		14.3		Sep. 16		41.2
					Nov. 22		35.7
			Dec. 19			29.8	

\*Beginning Sep. 15, 1932, ref. pt. is plug hole in head, 0.4 foot above concrete base. Elev. 22.2.

a Measurement from San Gabriel Valley Protective Association.

b Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

Well Number	Date	Dist.R.P. to water surface	Well Number	Date	Dist.R.P. to water surface
		<u>Feet</u>			<u>Feet</u>
	1932			1932	
C-999f-P-14	Feb. 25	33.9	**C-1079a-M-17	Jan. 22	166.5
	Apr. 1	35.9		Feb. 17	141.5
	July 19	41.5		Mar. 16	107.5
	Aug. 19	41.7		May 25	142.0
	Oct. 26	39.4		July 25	157.0
	Dec. 20	37.0		Aug. 29	162.5
C-1007a-N-13				Oct. 17	169.6
	Feb. 19	2.8		Dec. 17	180.8
	Mar. 1	2.3	C-1082-L-18	Feb. 17	49.5
	Apr. 13	6.9		Mar. 7	38.4
	May 13	12.1		Apr. 5	32.9
	June 21	17.6		June 14	46.6
	Oct. 24	16.3		Aug. 29	60.2
	Nov. 18	16.9		Oct. 17	68.7
	Dec. 23	12.6		Nov. 21	74.3
C-1059-M-17				Dec. 17	77.6
	June 3	177.2	C-1087-L-17	Feb. 2	179.0
	Aug. 29	180.8		Apr. 5	169.3
	Oct. 17	183.2		June 28	168.5
	Nov. 16	184.3		July 25	170.9
	Dec. 17	183.6		Sep. 23	176.9
C-1068-M-17				Oct. 17	177.9
	Jan. 30	26.2		Nov. 16	179.5
	Feb. 27	13.9		Dec. 17	179.4
	Mar. 8	15.7	C-1097-L-17	Apr. 11	172.2
	May 25	27.6		June 28	172.0
	Oct. 19	28.2		Nov. 16	174.2
	Dec. 30	26.5			
C-1073-M-17			C-1105a-N-17	Feb. 15	220.4
	Feb. 17	180.5		Mar. 8	218.0
	July 31	174.0		Apr. 2	b 216.4
	Sep. 23	182.0		June 27	219.9
	Nov. 16	a 183.6		Sep. 22	225.9
*C-1078d-M-17				Oct. 19	225.3
	Jan. 22	182.0		Dec. 30	227.2
	Feb. 17	167.0	C-1107-M-17	Apr. 2	b 147.5
	Mar. 28	139.0			
	Dec. 17	185.4			

\*Beginning Nov. 21, 1932, ref. pt. is  $1\frac{1}{4}$ -inch pipe, 0.45 foot above pump base, 0.6 foot above floor. Elev. 238.3.

\*\*Beginning July 25, 1932, ref. pt. is at cap screw hole on northwest side of shaft on discharge head, 0.5 foot below center line of gage. Elev. 248.3.

a Down 15 minutes.

b Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.



Well Number	Date	Dist.R.P. to water surface <u>Feet</u>	Well Number	Date	Dist.R.P. to water surface <u>Feet</u>
1929			1932		
C-1112-N-18	Oct. 1	a 255.8	C-1128a-N-16	Feb. 29	d 112.1
				Apr. 23	114.4
				Aug. 15	119.3
				Sep. 16	119.9
				Oct. 20	120.6
				Dec. 19	118.9
1930					
	Jan. 1	a 259.0	C-1129m-N-16	May 11	109.1
	Apr. 1	a 245.4		July 18	113.3
	July 1	a 284.0		Sep. 16	114.7
	Oct. 1	a 293.0		Oct. 20	117.1
	Nov. 1	a 297.0		Dec. 19	113.3
1931					
	Jan. 1	a 261.2	C-1130a-N-15	Feb. 23	77.5
	Mar. 1	a 259.6		Mar. 21	77.0
	June 1	a 255.6		Apr. 15	81.0
	Nov. 1	a 264.8		June 20	83.4
1932				Aug. 15	87.1
	Jan. 1	a 266.0		Sep. 16	87.6
	Apr. 1	a 257.0		Oct. 20	86.0
	June 1	a 262.0		Nov. 21	87.1
	Sep. 1	a 274.2		Dec. 19	84.8
	Oct. 1	a 270.8	C-1131-N-17	Apr. 17	124.9
	Dec. 1	a 267.8		Oct. 20	131.3
				Dec. 30	130.8
C-1113-N-17	Apr. 16	220.4	C-1150-O-17	Apr. 4	b 165.5
C-1120-N-16	Feb. 27	127.8	C-1153b-O-15	Sep. 16	76.5
	Apr. 2	b 118.9		Dec. 19	70.5
	June 16	121.1			
	Aug. 26	124.6	C-1158a-O-15	Feb. 23	44.3
	Oct. 20	125.0		Mar. 16	47.6
	Dec. 31	124.2		May 17	56.3
C-1124-M-16	Dec. 27	c 128.7		July 19	58.9
				Sep. 16	61.4
				Oct. 21	57.4
				Dec. 19	51.2

a Measurement from W. W. Hoy.

b Measurement from Division of Water Resources.

c Measurement from San Gabriel Valley Protective Association.

d Measurement from owner.

Measurements from Orange County Flood Control District except as noted.

Well Number	Date	Dist.R.P. to water surface	Well Number	Date	Dist.R.P. to water surface
		<u>Feet</u>			<u>Feet</u>
	1932			1931	
C-1160a-O-16	Feb. 23	55.6	C-1191-O-16, cont.	Mar. 22	a 90.0
	Mar. 16	57.6		May 24	a 94.0
	Apr. 5	66.4		Sep. 22	a 111.0
	June 21	69.6		Oct. 22	a 98.0
	Aug. 15	69.8		Nov. 23	a 93.0
	Sep. 16	70.9		Dec. 22	a 94.0
	Oct. 21	65.8			
	Dec. 19	62.1		1932	
*C-1162-O-16	Mar. 16	62.5		Jan. 21	a 87.0
	Apr. 5	65.4		Feb. 22	a 85.0
	June 21	73.5		Apr. 21	a 94.0
	July 19	71.7		June 22	a 98.0
	Sep. 16	74.8		Aug. 26	a 100.0
	Oct. 21	70.4		Sep. 22	a 96.0
	Nov. 22	71.0		Oct. 26	a 94.0
				Dec. 24	a 91.0
C-1162b-O-16	Feb. 23	47.8	C-1193a-O-16	Feb. 27	133.7
	Mar. 21	49.3		Mar. 31	134.2
	Apr. 15	55.9		Apr. 30	136.5
	Aug. 2	61.0		June 27	139.3
	Oct. 21	58.0		Aug. 23	144.5
C-1168-O-15	Feb. 23	45.5		Sep. 22	144.0
	Mar. 21	49.7		Oct. 20	142.9
	Apr. 5	53.6		Dec. 29	141.4
	June 21	61.1	C-1194-O-18	Apr. 4	b 143.4
	July 14	62.6		Apr. 30	147.2
	Sep. 16	61.3		July 22	151.0
	Oct. 21	57.5		Sep. 22	154.1
	Dec. 19	52.1		Oct. 20	154.6
C-1180-P-17	Mar. 29	17.8		Dec. 29	152.6
	Oct. 27	34.0	**C-1197-O-17	July 22	110.1
	Nov. 28	27.3		Aug. 23	111.5
	Dec. 27	21.9		Dec. 29	110.0
	1930		C-1198-O-17		
C-1191-O-16	Oct. 22	a 89.0		Dec. 29	c 123.8
	Dec. 22	a 88.0			

\* Ref. pt. (a) in Bulletin No. 39, used.

\*\* Beginning July 22, 1932, ref. pt. is top of screw on discharge shaft.

a Measurement from City of Santa Ana.

b Measurement from Division of Water Resources.

c Ref. pt.—Cap screw hole in head, 0.3 foot below ground.

Measurements from Orange County Flood Control District except as noted.

Well Number	Date	Dist.R.P. to water surface	Well Number	Date	Dist.R.P. to water surface
		<u>Feet</u>			<u>Feet</u>
	1932			1932	
C-1200-P-15	Feb. 26	11.4	C-1212-P-19	Jan. 26	142.1
	Apr. 1	17.5		Feb. 27	135.3
	Apr. 19	20.8		Apr. 4	a 135.9
C-1201-P-15				Sep. 19	137.6
	Feb. 23	20.4		Dec. 28	137.4
	Mar. 30	27.7	C-1217a-Q-19	Jan. 26	232.9
	Apr. 19	33.7		Mar. 31	231.2
C-1203-P-15	July 21	39.2		Apr. 26	234.4
	Feb. 23	23.7		July 21	257.7
	Aug. 19	39.8		Aug. 23	260.7
	Oct. 26	37.9		Oct. 28	251.2
*C-1204-P-15	Dec. 21	28.3		Dec. 1	251.2
	Apr. 2	44.5	C-1220a-Q-18	Jan. 26	89.9
	May 18	42.7		Apr. 4	a 86.4
	July 21	57.5		July 21	90.7
	Sep. 15	49.6		Aug. 28	93.8
	Nov. 25	43.1		Oct. 28	91.2
C-1207-O-18	Dec. 21	41.5		Nov. 29	92.7
	Jan. 26	50.7		Dec. 28	90.7
	Feb. 27	48.9	C-1222-Q-18	Jan. 26	58.5
	Apr. 26	57.6		Mar. 30	57.7
	July 22	72.3		Apr. 26	57.4
	Aug. 23	69.0		June 24	58.4
	Oct. 28	62.9		Aug. 23	60.2
	Dec. 28	54.9		Sep. 19	60.0
				Dec. 28	59.9
C-1209-P-18	Jan. 26	31.4	C-1224-Q-18	Jan. 26	42.3
	Feb. 27	29.9		Feb. 27	42.1
	Apr. 26	28.5		Apr. 26	42.3
	July 22	36.9		June 24	43.6
	Aug. 23	38.1		Sep. 19	57.2
	Nov. 29	35.3		Oct. 28	48.4
	Dec. 28	34.9	C-1225-Q-18	Mar. 30	6.2
C-1211a-P-18	Jan. 26	65.0		June 24	8.7
	Mar. 30	57.8		Sep. 19	10.8
	Apr. 26	68.3		Dec. 28	12.4
	June 24	85.7	C-1226-Q-17	Jan. 26	20.9
	Aug. 23	96.9		Mar. 30	17.5
	Sep. 17	88.1		Apr. 4	a 17.2
	Nov. 29	86.6			
	Dec. 28	75.8			

\*Beginning Apr. 2, 1932, ref. pt. is cap on scrow hole, 1.6 feet above ground. Elev. 60.9.

a Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

Well Number	Date	Dist.R.P. to water surface	Well Number	Date	Dist.R.P. to water surface
		<u>Feet</u>			<u>Feet</u>
	1932			1932	
C-1226-Q-17, cont.	July 22	20.5	C-1234-P-17, cont.	May 23	40.1
	Sep. 19	22.4		Nov. 28	51.1
	Oct. 28	23.9		Dec. 27	38.8
	Dec. 28	22.8			
C-1230-P-17			C-1243-Q-16	Jan. 25	13.4
	Jan. 25	21.0		Feb. 26	17.6
	Feb. 26	18.0		Mar. 29	18.0
	July 15	34.9		May 23	18.8
	Aug. 22	31.1		July 21	20.6
	Oct. 27	30.6		Sep. 20	20.5
	Nov. 28	29.3		Nov. 28	20.4
	Dec. 27	23.4		Dec. 27	19.6
C-1231a-P-17	Jan. 25	27.3	C-1244-Q-16	Jan. 25	33.7
	Mar. 29	25.0		Feb. 26	30.4
	Apr. 22	31.8		Oct. 26	47.1
	May 24	44.5		Nov. 28	41.7
	July 19	45.3	C-1248-Q-16	Mar. 30	31.7
	Sep. 20	36.5		July 21	33.3
	Oct. 27	38.2		Nov. 28	33.8
	Nov. 28	36.4		Dec. 27	32.6
	Dec. 27	31.4			
C-1231b-P-17	Feb. 26	16.6	C-1249-Q-16	Feb. 26	23.8
	Mar. 29	16.7		May 23	29.1
	May 23	23.1		June 25	40.6
	June 24	16.9		Aug. 2	40.1
	July 19	35.8		Sep. 20	34.1
	Aug. 22	32.1		Oct. 27	33.5
	Nov. 28	29.0		Dec. 27	27.8
	Dec. 27	22.8			
C-1232-P-17			*C-1250-P-15	Jan. 25	23.8
	Jan. 25	29.6		Mar. 30	20.3
	Feb. 26	28.6		Apr. 25	21.3
	Apr. 22	39.1		May 23	21.0
	Aug. 22	34.7		June 25	22.8
	Sep. 20	35.9		Aug. 22	24.0
	Nov. 28	34.5		Oct. 27	23.5
	Dec. 27	32.9		Nov. 28	23.8
				Dec. 27	22.5
C-1234-P-17	Jan. 25	34.6			
	Feb. 26	32.3			
	Mar. 29	33.9			

\* Beginning Mar. 30, 1932, ref. pt. is at top of casing, between 10" x 10" blocks, at ground. Elev. 37.6.

Measurements from Orange County Flood Control District.



Well Number	Date	Dist.R.P. to water surface		Well Number	Date	Dist.R.P. to water surface	
		Feet				Feet	
	1932				1932		
C-1255-P-15	Feb. 25		10.0	C-1261-Q-14	Feb. 25		3.9
	Apr. 19		15.8		Mar. 25		4.4
	July 21	a	20.9		Apr. 19		5.0
	Oct. 26	a	18.4		May 18		5.0
	Nov. 26	a	15.3		July 19		6.7
	Dec. 21	a	13.1		Aug. 19		6.8
C-1256a-P-15	Feb. 25		7.8		Sep. 15		6.1
	Apr. 19		12.8		Oct. 26		5.2
	May 18		12.1		Nov. 25		5.0
	July 21	b			Dec. 20		4.2
C-1257-Q-15	Mar. 25		2.6	C-1262-Q-14	Feb. 25	c	0.5
	Apr. 2		3.7		Mar. 25	c	3.3
	May 18		4.1		Apr. 19	c	4.5
	July 21		9.4		May 18		4.4
	Aug. 20		10.7		July 21		7.4
	Nov. 26		6.2		Sep. 15		7.6
	Dec. 21		3.5		Oct. 26	c	5.8
C-1258-Q-15	Feb. 25		Flowing		Nov. 26		3.7
	Apr. 19		2.3		Dec. 20		2.9
	May 18		1.6	C-1262b-Q-15	Mar. 25		4.4
	July 21		6.8		Apr. 19		5.9
	Aug. 20		6.9		May 18		5.7
	Oct. 26		4.1		Oct. 26		7.4
	Nov. 26		3.2		Nov. 26		6.7
	Dec. 21		0.9		Dec. 21		3.2
C-1260-Q-14	Feb. 27	+	0.5	C-1263a-Q-14	Mar. 31		3.5
	Mar. 25		1.9		C-1264-Q-14	Jan. 13	c
	Apr. 18		5.4	Feb. 25		c	3.1
	May 18		2.5	Mar. 25		c	4.8
	July 19		7.2	Apr. 19		c	6.1
	Aug. 19		8.6	May 18			6.8
	Sep. 15		6.7	July 21		c	9.0
	Oct. 26		4.0	Aug. 20		c	10.4
	Nov. 25		3.4	Sep. 15			9.2
	Dec. 20		1.3	Nov. 26			5.6
				Dec. 20			4.8

a Ref. pt.—Hole in pump head, 0.4 feet below old ref. pt.

b Well filled with sand.

c Laguna Beach plant pumping

Measurements from Orange County Flood Control District.

Well Number	Date	Dist.R.P. to water surface <u>Feet</u>		Well Number	Date	Dist.R.P. to water surface <u>Feet</u>	
	1932				1932		
C-1265-Q-15	Feb. 25	a	5.1	C-1269-Q-15	Feb. 25		5.3
	Mar. 25	a	7.3		Mar. 25		6.5
	Apr. 19	a	8.9		Apr. 19		7.2
	May 18		8.2		May 18		7.7
	July 21	a	11.9		July 21		9.5
	Aug. 20	a	13.6		Aug. 20		10.0
	Sep. 15		11.2		Oct. 26		11.1
	Oct. 26	a	10.5		Nov. 26		9.8
	Nov. 26		6.8		Dec. 21		9.0
	Dec. 21		4.2				

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a Laguna Beach plant pumping

Measurements from Orange County Flood Control District.





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SOUTH COASTAL BASIN INVESTIGATION  
Records of Ground Water Levels at Wells  
in District "D"

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			57		
Well Number	Date	Dist.R.P. to water surface <u>Feet</u>	Well Number	Date	Dist.R.P. to water surface <u>Feet</u>
	1933			1932	
D-703a-H-20	Jan. 21	a 248.4	D-716-G-21,	Feb. 15	470.9
			cont.	Apr. 18	470.9
	1932			June 13	470.9
D-705-F-20	Feb. 17	208.4		Aug. 14	473.2
	Apr. 13	203.3		Oct. 17	473.8
	June 15	199.2		Dec. 12	474.9
	Aug. 17	195.2	*D-718a-G-20	Mar. 22	475.7
	Oct. 12	188.8		June 8	479.6
	Nov. 16	183.3		Aug. 20	485.4
	Dec. 14	184.6		Sep. 20	484.2
				Dec. 21	485.4
D-707-F-21	Feb. 11	427.3			
	Apr. 13	415.3	D-721b-G-20	Mar. 4	b 317.1
	June 15	374.2		Apr. 29	b 320.7
	July 13	364.1			
	Aug. 31	378.6		1933	
	Dec. 21	388.1		Jan. 20	b 324.3
D-708-F-21	Feb. 11	274.7			
	Apr. 13	260.2	D-723-G-20	Jan. 20	b 380.7
	June 15	259.3			
	July 13	264.8	D-724-G-21	Jan. 20	b 434.0
	Dec. 21	298.3			
				1932	
D-711b-F-20	Feb. 27	a 394.2	D-725a-G-21	Feb. 11	383.7
	Mar. 26	a 397.9		Apr. 13	385.1
	May 19	a 401.0		June 15	386.5
	July 25	a 386.2		July 13	385.8
	Sep. 30	a 370.9		Sep. 14	389.0
	Dec. 5	a 363.6		Oct. 19	391.1
D-711d-F-20	Feb. 27	a 295.2		Nov. 16	392.5
	Mar. 26	a 291.4		Dec. 21	386.9
	Apr. 27	a 312.4	D-726a-H-21	Mar. 30	b 331.0
	Sep. 30	a 237.0			
	Nov. 2	a 241.1		1933	
	Dec. 5	a 238.5		Jan. 1	330.5
				Jan. 29	b 332.3
	1931				
D-716-G-21	Apr. 13	466.8		1932	
	June 15	468.0			
	Aug. 17	469.7	D-727-H-21	Mar. 17	354.8
	Oct. 12	471.5		Apr. 13	354.1
	Dec. 14	472.0			

\* Beginning Mar. 22, 1932, ref. pt. is at airline gage.

a Measurement from Pomona Valley Protective Association.

b Measurement from J. R. Shoemaker.

Measurements from owner except as noted.

Well Number	Date	Dist.R.P. to water surface <u>Feet</u>		Well Number	Date	Dist.R.P. to water surface <u>Feet</u>	
	1932				1932		
D-727-H-21, cont.	June 15	a	355.9	D-734z-I-19	Jan. 5	c	31.0
	Aug. 10	a	358.2		Mar. 1	c	29.3
	Sep. 14	a	361.0		Apr. 5	c	33.2
	Oct. 19	a	363.3		June 7	c	47.3
	Dec. 7	a	360.6		July 5	c	48.7
	1933				Aug. 16	c	60.2
D-728-H-20	Jan. 20		307.7		Oct. 11	c	40.2
					Nov. 2	c	39.7
D-729-H-20	Jan. 21		261.6	D-749-I-21	Dec. 27	c	35.4
D-733-H-20	Jan. 21		217.9		Mar. 3		73.0
D-733c-H-20	Jan. 21		242.8		1933		
D-734b-H-20	Jan. 21		254.1	D-750a-I-21	Jan. 28	b	55.3
	1932				1932		
D-735-H-21	Mar. 31		201.1	D-751-I-20	Mar. 3		66.1
					Mar. 31		69.3
	1933				1933		
	Jan. 30		205.3		Jan. 30		69.7
	1932				1932		
D-736b-H-21	Mar. 31		200.9	D-753a-I-20	Mar. 4		37.9
	1933				1933		
	Jan. 30		203.0		Jan. 30		41.4
	1932				1932		
D-738-H-21	Jan. 28	b	146.8	D-753b-I-20	Mar. 4		11.5
	1932				Mar. 31		16.3
D-740-H-20	Mar. 31		128.9	D-754a-I-19	Mar. 4		12.6
	Apr. 29		126.7		Apr. 29		17.1
	Oct. 2		135.4		July 8		55.7
	1933				Oct. 2		27.5
	Jan. 30		129.4		1933		
D-741c-H-20	Jan. 28	b	82.7		Jan. 30		16.4

a Measurement from owner.

b Measurement from Division of Water Resources.

c Measurement from Los Angeles County Flood Control District.

Measurements from J. R. Shoemaker except as noted.

Well Number	Date	Dist.R.P. to water surface		Well Number	Date	Dist.R.P. to water surface	
		Feet				Feet	
	1932				1933		
D-754c-I-20	Feb. 20	11.6		D-766-J-20, cont.	Jan. 30	13.9	
	Mar. 4	11.4					
	Apr. 29	16.2		D-768-J-19	Jan. 30	35.3	
	June 11	29.9		D-768a-J-19	Jan. 30	43.4	
	July 8	34.8					
	Oct. 2	23.6					
	1933				1932		
	Jan. 30	16.0		D-771a-J-20	Mar. 3	b	12.5
					July 5	cd	23.6
					Dec. 1	cd	20.1
	1932						
D-757a-I-19	Feb. 20	36.5			1933		
	Mar. 31	33.2			Jan. 30	bc	13.4
	Apr. 29	33.9					
	June 11	36.6			1932		
	Oct. 2	a 42.4					
	1933			D-772-J-20	July 1	c	5.1
	Jan. 30	a 35.8			Dec. 1	c	3.7
	1932				1933		
D-763-J-21					Feb. 1		2.1
	Mar. 3	16.5			1932		
	Mar. 31	18.3					
	Apr. 29	24.7		D-772a-J-20	Mar. 3		1.2
	June 11	29.2			Mar. 31		2.2
	Oct. 2	27.1					
	1933			D-775-J-21	Mar. 6		3.6
	Jan. 30	19.4			Apr. 29		8.2
					July 8		7.6
					Oct. 2		8.5
	1932				1933		
D-766-J-20	Mar. 3	13.0			Feb. 1		5.8
	Mar. 31	14.4			1932		
	Apr. 29	19.8					
	June 11	26.9		D-776c-J-20	Mar. 3		2.6
	July 8	25.5			Mar. 31		3.6
	Oct. 2	25.8			Apr. 29		4.6
			Oct. 2			7.4	

a Ref. pt.—Top of concrete pipe, 1 foot above ground. Elev. 659.0.

b Ref. pt. (a) in Bulletin No. 39, used.

c Measurement from Orange County Flood Control District.

d Ref. pt. (b) in Bulletin No. 39, used.

Measurements from J. R. Shoemaker except as noted.



Well Number	Date	Dist.R.P. to water surface <u>Feet</u>		Well Number	Date	Dist.R.P. to water surface <u>Feet</u>	
	1933				1933		
D-776c-J-20, cont.	Feb. 1		4.2	D-783-K-21, cont.	Feb. 1		25.3
D-776e-J-21	Feb. 1		3.0		1932		
	1932			D-784-K-21	Apr. 29		24.9
D-777-J-20	July 1	a	15.9		June 11		28.8
	Dec. 1	a	11.4		July 8		29.5
D-780-K-20	July 1	a	19.8		Oct. 2		33.7
D-780b-K-20	July 1	a	30.3		1933		
	Dec. 1	a	17.0		Feb. 2		22.3
D-781a-K-21	Mar. 3		1.8		1932		
	Mar. 31		5.0	D-784d-K-21	Feb. 6		2.7
	Apr. 29		5.2		Apr. 29		5.6
	Oct. 2		10.0		June 11		13.0
	1933				July 8		14.2
	Feb. 2		1.7		Oct. 2		11.2
	1932				Dec. 1	a	5.8
D-782-K-21	Mar. 3		10.3		1933		
	Mar. 31		9.8		Feb. 2		3.0
	Apr. 29		9.4		1932		
	June 11		9.0	D-787c-K-21	Apr. 29		25.3
	July 8		9.0		June 11		26.0
	Oct. 3		9.4		July 8		27.5
	1933				Oct. 2		31.2
	Feb. 1		8.1		1933		
	1932				Feb. 2		24.0
D-783-K-21	Mar. 31		25.2		1932		
	Apr. 29		25.1	D-789-L-21	Mar. 3		12.4
	June 11		24.8		Mar. 31		13.3
	July 8		24.8		Apr. 29		13.5
	Oct. 2		25.0		June 11		14.1
	Dec. 1	a	25.4		July 8		15.5
					Oct. 2		14.4

a Measurement from Orange County Flood Control District.

Measurements from J. R. Shoemaker except as noted.

Well Number	Date	Dist.R.P. to water surface	Well Number	Date	Dist.R.P. to water surface
		<u>Feet</u>			<u>Feet</u>
	1933			1933	
D-789-I-21, cont.	Feb. 2	12.4	D-812-K-22, cont.	Feb. 1	28.5
	1932			1932	
D-801-K-21	Mar. 3	17.1	D-813-K-22	Mar. 3	6.4
	Apr. 29	18.7		Mar. 31	6.5
	June 11	19.9		Apr. 29	6.8
	Oct. 3	20.8		June 11	7.3
				July 8	7.5
	1933			Oct. 3	7.6
	Feb. 1	18.4		1933	
	1932			Feb. 1	6.5
D-802-K-21	Mar. 3	27.0		1932	
	Mar. 31	30.0			
	Apr. 29	27.1	D-901b-I-21	Mar. 31	112.8
	June 11	30.5		1933	
	July 8	28.4			
	Oct. 3	28.8	D-903-I-21	Jan. 28	b 44.8
	1933		D-905-J-21	Feb. 1	12.4
	Feb. 1	27.8		1932	
	1932				
D-811a-K-22	Apr. 29	59.1	D-905a-J-21	Dec. 1	a 14.7
	June 11	59.4	D-906b-J-21	July 8	10.4
	July 8	60.0		Oct. 2	4.9
	Oct. 3	60.6		Dec. 1	a 4.0
	1933		D-906d-J-21	Mar. 3	3.8
	Feb. 1	58.9		Mar. 31	5.6
				Apr. 29	6.9
	1932			July 8	11.0
				Oct. 3	10.9
D-812-K-22	Mar. 3	27.9		1933	
	Apr. 29	28.9			
	July 8	30.1		Feb. 1	6.4
	Oct. 3	30.0			

a Measurement from Orange County Flood Control District.

b Measurement from Division of Water Resources.

Measurements from J. R. Shoemaker except as noted.

Well Number	Date	Dist.R.P. to water surface <u>Feet</u>	Well Number	Date	Dist.R.P. to water surface <u>Feet</u>
	1932			1933	
D-906g-J-21	Mar. 31	7.4	D-915-I-22,	Jan. 30	64.7
	Apr. 29	7.5	cont.		
	June 11	7.9		1932	
	July 8	8.7			
	Oct. 3	10.0	D-918b-J-22	May 5	10.1
D-906i-J-21	Feb. 6	5.2		June 11	13.2
	July 8	6.3		July 9	14.7
	Oct. 3	6.0		Oct. 2	14.4
	Dec. 1 ab	6.1		1933	
	1933			Feb. 1	9.6
	Feb. 1	4.7		1932	
	1932		D-918d-J-22	Feb. 5	c 25.9
D-909-J-22	Mar. 3	24.4		Mar. 3	25.1
	Mar. 31	27.8		Mar. 31	25.8
	1933			Apr. 28	26.3
	Jan. 30	26.8		June 11	27.5
	1932			Oct. 1	28.2
	Mar. 31	125.2		1933	
	Apr. 28	125.5		Jan. 28	25.9
	June 11	126.4		1932	
	July 8	126.9	D-919a-J-22	June 11	3.4
	Oct. 1	128.6		Oct. 2	4.0
	1933		D-920-J-22	Mar. 3	26.0
	Jan. 28	126.3		Mar. 31	28.0
D-914-I-22	Jan. 30	107.8		Apr. 28	27.6
	1932			July 8	31.2
	Mar. 30	63.0		1933	
				Jan. 28	27.4
				1932	
			D-923-I-22	Mar. 31	87.9

a Measurement from Orange County Flood Control District

b Pumping slowly.

c Correction to Bulletin No. 39.

Measurements from J. R. Shoemaker except as noted.

Well Number	Date	Dist.R.P. to water surface		Well Number	Date	Dist.R.P. to water surface	
		<u>Feet</u>				<u>Feet</u>	
	1932				1933		
D-928-I-23	July 5	a	53.1	D-935-I-23,	Jan. 28		105.6
	Dec. 2	a	52.7	cont.			
D-928a-J-23	Mar. 31		36.5		1932		
	Apr. 28		37.2				
	June 11		37.8	D-936a-I-23	Mar. 31		129.2
	July 8		38.5		Apr. 28		129.2
	Oct. 2		40.5		June 9		130.4
					Oct. 1		132.2
	1933				1933		
	Jan. 28		37.2		Jan. 28		130.3
	1932				1932		
D-929-J-23	Feb. 5	b	42.7	*D-938-I-23	Mar. 3		105.4
	May 5		42.7		Mar. 31		104.8
	June 11		43.1		Apr. 28		105.3
	July 8		43.6		June 9		103.7
	Oct. 1		45.0		July 7		104.1
	1933				Oct. 1		106.4
	Jan. 28		42.6		1933		
	1932				Jan. 28		104.0
D-929a-J-23	Mar. 3		40.2		1932		
	Mar. 31		40.4				
	Apr. 28		40.6	D-939b-I-23	July 5	a	79.1
	June 11		40.8		Dec. 2	a	76.2
	July 7		41.3				
	Oct. 1		41.9	D-940b-J-23	Mar. 31		60.8
					Apr. 28		61.0
	1933				June 11		61.2
	Jan. 28		40.8		July 7		61.4
					Oct. 1		62.0
	1932				1933		
D-935-I-23	Mar. 3		104.8		Jan. 28		61.5
	Mar. 31		104.6				
	June 9		105.4				
	Oct. 1		107.3				

\* Beginning June 9, 1932, reference point is top edge of beam, 1.8 feet below old reference point and floor.

a Measurement from Orange County Flood Control District.

b Correction to Bulletin No. 39.

Measurements from J. R. Shoemaker except as noted.

Well Number	Date	Dist.R.P. to water surface		Well Number	Date	Dist.R.P. to water surface	
		Feet				Feet	
	1932				1932		
*D-957-I-24	Mar. 31		16.0	D-983k-I-26,	Oct. 17	a	29.0
	May 16		15.0	cont.	Dec. 15	a	27.6
	June 12		15.4				
	July 7		15.8	D-984-I-26	Oct. 17	a	93.2
	Oct. 1		17.3		Dec. 15	a	93.0
D-968-J-25	May 6		10.4	D-985c-I-26	Jan. 18	a	68.5
	June 12		12.4		Mar. 14	a	67.6
	July 9		12.4		Apr. 14	a	68.9
**D-969-J-25	May 6		26.9		July 13	a	71.0
	June 12		26.8		Sep. 14	a	72.0
	July 9		27.0		Dec. 15	a	71.0
D-975c-I-25	May 6		47.4	D-986-I-26	Jan. 18	a	59.0
	June 12		47.7		Mar. 14	a	58.5
	July 9		50.1		Apr. 14	a	59.5
	Oct. 17	a	48.1		May 23	a	59.8
	Dec. 15	a	47.8		Sep. 14	a	62.0
D-975d-I-25	July 13	a	14.8		Oct. 17	a	61.5
	Oct. 17	a	14.8		Dec. 15	a	61.2
	Dec. 15	a	14.4	D-1001b-G-21	Feb. 2	b	216.0
***D-976-J-25	June 12		12.1		Mar. 1	b	209.0
	July 9		12.2		Apr. 1	b	211.1
D-976a-J-25	Jan. 18	a	5.6		May 3	b	228.0
	Apr. 14	a	5.2		June 13	b	233.1
	May 23	a	5.1		July 1	b	245.6
	July 13	a	5.9		Aug. 31	b	254.2
	Sep. 14	a	6.3		Nov. 9	b	284.9
	Oct. 17	a	6.0		Dec. 14	b	248.7
	Dec. 15	a	5.0	D-1001g-G-21	Feb. 2	b	159.2
D-983c-I-26	May 6		57.5		Mar. 1	b	152.8
	June 12		57.3		Apr. 1	b	149.9
	July 9		57.4		May 3	b	154.3
	Oct. 17	a	57.7		June 13	b	158.9
	Dec. 15	a	57.4		Aug. 3	b	171.6
D-983k-I-26	Jan. 18	a	28.1		Oct. 1	b	198.0
	Mar. 14	a	27.1		Nov. 9	b	200.8
	Apr. 14	a	27.9		Dec. 14	b	182.0
	Sep. 14	a	29.2	D-1001i-G-21	Feb. 2	b	192.8
					Mar. 1	b	184.4
					Oct. 17	b	318.0
					Dec. 14	b	228.7

\*Correction to Bulletin No. 39. Elev. of ref. pt. is 734.5.

\*\*Beginning May 6, 1932, reference point is top of boards over pit,  
0.2 foot above ground.

\*\*\*Beginning June 12, 1932, reference point is top of hole in pump base,  
1.9 foot above ground.

a Measurement from Riverside Cement Company.

b Measurement from owner.

Measurements from J. R. Shoemaker except as noted.



Well Number	Date	Dist.R.P. to water surface	Well Number	Date	Dist.R.P. to water surface
		<u>Feet</u>			<u>Feet</u>
	1933			1932	
D-1007b-H-22	Jan. 30	136.5	*D-1052-H-24	Apr. 16	nc 284.8
D-1008-H-22	Jan. 21	176.7		Sep. 16	bc 286.0
D-1016-H-22	Jan. 21	259.2		1933	
D-1016a-H-22	Jan. 21	a 215.6		Jan. 27	284.3
D-1022-G-22	Jan. 23	a 305.2	**D-1053-H-24	Jan. 28	228.3
D-1024-G-22	Jan. 27	492.8	D-1054c-H-24	Jan. 28	164.5
D-1025-G-23	Jan. 27	436.7	D-1055-H-24	Jan. 28	179.2
D-1029-H-23	Jan. 28	217.1		1932	
D-1030-H-23	Jan. 28	163.0	D-1059-G-24	Apr. 16	bc 400.4
D-1031-H-23	Jan. 28	148.6		Sep. 16	bc 403.9
D-1033-H-23	Jan. 27	a 272.7		1933	
D-1037-G-23	Jan. 27	a 421.0		Jan. 27	cd 400.9
D-1043-H-24	Jan. 28	116.1		1932	
D-1044-H-24	Jan. 28	179.5	D-1061-G-25	Feb. 15	b 564.0
D-1050-G-24	Jan. 27	b 365.1		Apr. 15	b 563.0
				July 15	b 563.0
				Oct. 18	b 563.0
				Dec. 16	b 564.0
	1932		D-1062-G-25	Apr. 16	b 426.5
D-1050a-G-24	Apr. 16	bc 432.9		Sep. 16	b 427.5
	Sep. 16	bc 435.2		1933	
	1933			Jan. 27	427.5
D-1050a-G-24	Jan. 27	434.7		1932	
			D-1062a-G-25	Apr. 16	b 419.5
				Sep. 16	b 422.0

\*Measurements published in Bulletin No. 39, from Fontana Union Water Company, should have 20 feet added to them.

\*\*Measurements published in Bulletin No. 39 from Sep. 15, 1926 to Mar. 30, 1931, inclusive, are in error.

a Measurement from Chino Basin Protective Association.

b Measurement from Fontana Union Water Company.

c Ref. pt.—Gage, 0.7 foot above ground.

d Measurement from Division of Water Resources.

Measurements from J. R. Shoemaker except as noted.

Well Number	Date	Dist.R.P. to water surface		Well Number	Date	Dist.R.P. to water surface	
			<u>Feet</u>				<u>Feet</u>
	1933				1932		
D-1062a-G-25, Cont.	Jan. 27		420.6	D-1075-G-25	Feb. 15	a	328.0
					Apr. 15	a	328.0
	1932				Aug. 15	a	328.0
D-1064-H-25	Apr. 16	ab	291.5		Oct. 18	a	330.0
	Sep. 16	ab	294.0		Nov. 16	a	328.0
					Dec. 16	a	330.0
	1933			D-1075a-G-25	Feb. 15	ab	379.1
					Apr. 15	ab	378.0
	Jan. 28		294.6		Aug. 15	ab	379.0
					Oct. 18	ab	379.0
	1932				Dec. 16	ab	379.0
D-1064a-H-25	Apr. 16	a	339.6		1933		
	Sep. 16	a	340.0		Jan. 27	e	377.6
D-1064b-H-25	Apr. 16	ac	330.8		1932		
	Sep. 16	ac	333.0				
	1933			D-1081-H-26	Jan. 18	d	246.7
					Mar. 14	d	246.7
	Jan. 28		329.7		Apr. 14	d	246.9
					June 14	d	247.2
	1932				Sep. 14	d	248.1
D-1065-H-25	Apr. 16	ab	237.0		Oct. 17	d	248.3
	Sep. 16	ab	237.0		Dec. 15	d	248.8
	Dec. 15	bd	238.1		1933		
	1933			D-1088-H-26	Jan. 27		179.0
	Jan. 27	b	237.5			1932	
D-1068-H-25	Jan. 27		246.0	D-1090-H-26	Jan. 18	d	114.3
					Mar. 14	d	112.7
	1932				Apr. 14	d	112.8
D-1072-G-25					June 14	d	114.1
	Apr. 16	a	302.3		Sep. 14	d	116.6
	Sep. 16	a	297.6		Oct. 17	d	116.6
					Dec. 15	d	116.9
	1933			D-1091-H-26	Dec. 15	d	22.7
	Jan. 27		281.0				

a Measurement from Fontana Union Water Company.

b Ref. pt. (a) in Bulletin No. 39, used.

c Ref. pt.—Gage, 1.1 feet above floor.

d Measurement from Riverside Cement Company.

e Ref. pt. (b) in Bulletin No. 39, used.

Measurements from J. R. Shoemaker except as noted.

Well Number	Date	Dist.R.P. to water surface	Well Number	Date	Dist.R.P. to water surface
		<u>Feet</u>			<u>Feet</u>
	1932			1932	
D-1092d-H-26	Apr. 14	a 119.9	D-1161-E-25, cont.	June 15	64.0
	Oct. 17	a 123.8		Oct. 17	73.0
	Dec. 15	a 124.6		Nov. 15	74.0
				Dec. 15	69.0
D-1095-G-26	Mar. 5	b 199.6			
D-1105-F-21	Feb. 11	c 446.5	D-1162a-E-25	Jan. 15	104.0
	Mar. 17	c 437.4		Feb. 15	63.3
	May 12	c 430.8		Mar. 15	55.0
	June 15	c 431.8		Apr. 14	65.0
	July 13	c 432.9		July 15	88.5
	Dec. 21	c 462.3		Sep. 15	106.0
D-1106-F-21				Oct. 17	99.0
	Feb. 11	c 257.3		Nov. 15	100.0
	Mar. 17	c 249.3	D-1165-F-25	Apr. 23	e 391.0
	Apr. 13	c 268.8		June 17	e 389.0
	June 15	c 273.0		Aug. 17	e 388.0
	July 13	c 285.3		Oct. 22	e 390.0
	Sep. 14	c 310.7		Dec. 5	e 393.0
	Oct. 12	c 320.3	D-1166-F-25	Mar. 22	e 332.0
	Nov. 16	c 329.4		Apr. 23	e 328.0
	Dec. 21	c 285.5		June 17	e 328.3
				Dec. 5	e 312.0
	1933				
D-1107L-F-22	Jan. 18	d 289.5		1933	
	1932		D-1177a-F-25	Jan. 10	df 561.5
D-1156-F-24	Mar. 14	e 692.0		1932	
	Apr. 16	e 692.0			
	July 24	e 692.0	D-1181-F-26	Jan. 15	269.0
	Oct. 22	e 692.0		Mar. 15	240.0
	Dec. 5	e 692.0		Apr. 14	215.0
D-1161-E-25				May 15	205.0
	Jan. 15	59.0		July 15	211.0
	Feb. 15	44.0		Aug. 15	231.0
	Mar. 15	46.0		Sep. 15	221.0
	Apr. 14	61.0		Oct. 15	219.0
				Dec. 15	203.0

a Measurement from Riverside Cement Company

b Measurement from J. R. Shoemaker.

c Measurement from San Antonio Water Company.

d Measurement from owner.

e Measurement from Lytle Creek Water Conservation Association.

f Ref. pt.—Airline gage, 1 foot above ground.

Measurements from Fontana Union Water Company except as noted.

Well Number	Date	Dist.R.P. to water surface		Well Number	Date	Dist.R.P. to water surface	
		Feet				Feet	
	1932				1928		
D-1181c-F-26	May 16	a	81.0	D-1253-D-24, cont.	Apr. 2		11.4
	June 15	a	106.0		Nov. 15		23.0
	July 15	a	122.0		1929		
	Aug. 15	a	130.0				
	Sep. 15	a	126.0				
D-1182c-E-26	Jan. 15	a	334.0		Feb. 15		12.0
	Mar. 15	a	329.0		May 15		35.0
	Apr. 14	a	325.0		1930		
	May 15	a	320.0				
	July 15	a	336.0		Jan. 15		10.0
	Sep. 15	a	306.0		Mar. 15		10.2
	Oct. 15	a	304.0		Nov. 22		13.0
	Nov. 15	a	308.0		1931		
	Dec. 15	a	306.0				
*D-1188a-F-26	Feb. 15		238.0		Feb. 16		14.0
	Mar. 15		233.0		May 20		14.0
	Apr. 1		228.0		Dec. 14		11.0
	Aug. 15		229.0		1932		
	Sep. 15		225.0				
	Oct. 15		222.0		Jan. 15		10.0
	Nov. 15		221.2		Feb. 15		8.0
	Dec. 15		226.0		Mar. 15		10.0
	1933				Apr. 14		11.0
D-1188h-F-26	Jan. 10	b	69.5		June 15		10.0
					July 15		11.5
	1926				Aug. 15		10.0
D-1253-D-24	Apr. 17		9.1		Sep. 15		15.0
	Aug. 14		50.6		Dec. 15		15.0

\* Beginning Feb. 15, 1932, ref. pt. is top of pump foundation, 1 foot above ground, to and including Apr. 1, 1932; then, air gage, 2.0 feet above ground.

a Ref. pt. (a) in Bulletin No. 39, used.

b Measurement from Muscoy Mutual Water Company.

Measurements from Fontana Union Water Company except as noted.

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SOUTH COASTAL BASIN INVESTIGATION  
Records of Ground Water Levels at Wells  
in District "E"

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Well Number	Date	Dist.R.P. to water surface <u>Feet</u>	Well Number	Date	Dist.R.P. to water surface <u>Feet</u>	
1932			1932			
E-2-E-27	Mar. 14	178.2	E-10-E-27	Apr. 4	180.5	
	Apr. 12	171.8		June 1	181.0	
	June 1	173.2		Aug. 17	182.6	
	Sep. 16	177.0		Sep. 16	182.8	
	Oct. 12	177.9		Oct. 12	182.0	
	Nov. 19	179.1	1933			
1933			E-15-G-27	Jan. 6	182.6	
Jan. 6	180.8	1932				
1932			E-15-G-27	Mar. 8	57.4	
E-2a-E-27	Mar. 7	216.1		Apr. 4	64.1	
	Apr. 25	219.6		May 9	62.6	
	Oct. 12	219.1		June 6	70.1	
	E-4a-F-27	Mar. 7		217.7	Aug. 18	75.3
Apr. 1		218.2		Sep. 16	76.9	
June 6		218.7		Nov. 19	72.7	
Sep. 16		222.7		1933		
Oct. 12		222.5	E-16-F-27	Jan. 7	65.2	
Nov. 18	222.6	1932				
1933			E-16-F-27	Feb. 6	113.6	
E-5e-F-27	Jan. 5	222.7		Apr. 4	114.6	
	1932			June 6	118.1	
E-5e-F-27	Mar. 7	181.5		July 15	Dry	
	Apr. 4	180.9	E-17-G-27	Mar. 8	68.2	
	Nov. 18	193.0		Apr. 1	68.7	
1933		Dry rest of year				
E-6-F-27	Jan. 5	183.2	E-22-G-27	Feb. 6	35.9	
	1932			Apr. 4	38.1	
	E-6-F-27	Jan. 1		288.0	June 6	39.0
		Feb. 1		279.0	Aug. 18	42.5
		Apr. 1		272.0	Sep. 16	43.0
June 1		288.0		Nov. 19	41.0	
Sep. 1		283.0	1933			
Oct. 1	286.0	E-22-G-27	Jan. 4	35.7		
Dec. 1	276.0					

Measurements from San Bernardino Water Department.

Well Number	Date	Dist.R.P. to water surface	Well Number	Date	Dist.R.P. to water surface
		<u>Feet</u>			<u>Feet</u>
	1932			1932	
E-23-G-27	Mar. 8	36.8	E-29-G-28	Feb. 6	+ 52.0
	Apr. 4	38.9		Mar. 7	+ 55.3
	May 10	39.2		May 9	+ 46.1
	July 16	43.0		June 6	+ 39.2
	Sep. 16	45.8		July 16	+ 34.6
E-25e-F-28				Sep. 16	+ 32.3
	Mar. 7	169.0		1933	
	Apr. 25	167.2		Jan. 4	+ 49.5
	May 9	167.5		1932	
	June 7	166.0			
	July 15	170.2			
	Sep. 15	173.8			
	Oct. 12	171.7	E-29b-G-27	Mar. 23	a 11.6
	Nov. 18	172.6		Apr. 5	a 15.2
	1933			June 29	a 17.6
	Jan. 5	173.0		Aug. 26	a 18.5
	1932			Sep. 29	a 16.2
				Dec. 10	a 13.9
E-26-F-27			E-31-G-28	Mar. 7	33.4
	Mar. 7	90.9		Apr. 4	33.6
	Apr. 4	90.7		July 7	34.4
	May 9	92.0		Sep. 15	36.5
	June 6	91.2		Oct. 12	37.0
	Aug. 18	92.5		Nov. 18	36.5
	Sep. 16	93.2		1933	
	Oct. 12	93.7		Jan. 7	35.4
	Nov. 18	94.0		1932	
	1933				
	Jan. 5	93.9	E-31a-F-28	Mar. 7	62.3
	1932			Apr. 4	62.0
				May 9	63.2
E-27-F-28	Mar. 8	47.2		June 6	66.5
	Apr. 4	47.0		Aug. 18	62.8
	July 16	47.8		Sep. 16	65.4
	Sep. 16	48.2		Oct. 12	66.8
	Oct. 12	48.6		Nov. 19	65.9
	Nov. 19	49.7		1933	
	1933			Jan. 5	65.0
	Jan. 4	49.3			

a Measurement from Water Conservation Association.

Measurements from San Bernardino Water Department except as noted.

Well Number	Date	Dist.R.P.	Well Number	Date	Dist.R.P.
		to water surface <u>Feet</u>			to water surface <u>Feet</u>
	1932			1932	
E-34-E-28	Feb. 5	9.7	E-35h-F-28	Feb. 5	131.5
	Mar. 7	7.5		Apr. 4	127.8
	Apr. 4	9.3		May 9	127.6
	May 9	9.9		July 15	130.1
	July 17	11.4		Sep. 16	132.8
	Oct. 12	12.5		Oct. 12	a
	Nov. 18	12.6			
	1933		E-36-F-28	Feb. 15	79.0
				Apr. 1	78.0
				June 1	80.0
	Jan. 5	11.1		Aug. 1	84.5
				Sep. 11	86.0
	1931			Dec. 1	83.0
E-34b-F-28	Sep. 3	179.5		1933	
	Oct. 10	177.7			
	Nov. 17	178.1		Jan. 1	88.5
	1932			1932	
			E-37-F-28	Feb. 6	45.1
	Jan. 4	181.5		Mar. 7	42.5
	Mar. 7	178.5		Apr. 4	51.0
	Apr. 4	176.4		May 9	48.0
	June 6	174.6		June 7	53.8
	July 15	176.7		Aug. 18	58.1
	Aug. 17	175.2		Sep. 16	58.9
	Oct. 12	176.7		Nov. 19	57.3
	Nov. 18	177.2			
	1933			1933	
	Jan. 5	167.9		Jan. 7	45.2
	1932			1932	
E-35c-F-28	Mar. 7	133.5	E-38a-G-28	Mar. 7	8.8
	Apr. 4	132.1		Apr. 2	9.6
	June 6	133.1		June 6	11.0
	July 15	135.6		Aug. 17	13.8
	Sep. 16	138.6		Nov. 18	13.1
	Oct. 12	138.8			
	Nov. 18	138.7			
				1933	
	1933			Jan. 5	10.7
	Jan. 5	136.8			

a Plugged at 134 feet.

Measurements from San Bernardino Water Department.

Well Number	Date	Dist.R.P. to water surface	Well Number	Date	Dist.R.P. to water surface
		<u>Feet</u>			<u>Feet</u>
	1932			1932	
E-39-G-28	Feb. 22	a + 37.0	E-44-F-28, cont.	June 6	97.2
	Mar. 24	a Flowing		Sep. 15	101.2
	Apr. 5	a + 25.4		Oct. 12	101.6
	May 26	a Flowing		Nov. 18	100.0
	Sep. 29	a + 16.6			
	Oct. 28	a + 20.8		1933	
	Dec. 13	a + 32.3		Jan. 5	99.1
E-39d-G-28	Feb. 23	a + 55.0		1932	
	Mar. 23	a Flowing			
	Sep. 29	a + 32.3	E-45e-F-29	Feb. 5	103.7
	Oct. 28	a + 34.6		Mar. 8	100.0
	Dec. 13	a + 43.6		Apr. 2	102.3
E-42-G-28	Jan. 1	+ 23.1	E-46-G-28	Mar. 7	13.6
	Mar. 1	+ 27.6		Apr. 4	14.0
	Apr. 1	+ 23.1		June 6	13.9
	May 8	+ 18.5		Sep. 15	15.2
	Nov. 1	+ 2.3		Nov. 18	15.4
	Dec. 1	+ 2.3			
	1933			1933	
	Jan. 1	+ 23.1		Jan. 5	15.2
	1932			1932	
E-43-G-28	Feb. 5	+ 43.9	E-46e-F-29	Mar. 7	19.1
	Mar. 7	+ 48.5		Apr. 2	17.8
	Apr. 2	Flowing		May 9	17.3
	May 9	+ 41.5		Aug. 15	17.8
	June 6	Flowing		Nov. 18	21.3
	Aug. 16	+ 32.3		1933	
	Sep. 16	+ 23.1		Jan. 5	17.4
	Nov. 18	+ 28.8			
	1933			1932	
	Jan. 4	+ 48.5	E-47d-G-28	Mar. 7	11.4
	1932			Apr. 2	10.6
E-44-F-28	Mar. 21	97.8		May 9	10.4
	Apr. 18	98.9		June 6	10.8
	May 9	96.8		Sep. 15	11.3
				Nov. 18	11.1

a Measurement from Water Conservation Association.

Measurements from San Bernardino Water Department except as noted.

Well Number	Date	Dist.R.P. to water surface <u>Feet</u>	Well Number	Date	Dist.R.P. to water surface <u>Feet</u>
	1933			1933	
E-47d-G-28, cont.	Jan. 3	12.5	E-49d-F-29, cont.	Jan. 5	162.3
	1932			1932	
E-47e-G-28	Feb. 22	a 26.6	E-50a-F-29	Feb. 5	38.5
	Apr. 5	a 24.1		Mar. 7	35.0
	May 28	a 24.0		Apr. 2	37.1
	June 29	a 24.8		May 9	35.1
	Sep. 29	a 23.8		Aug. 17	43.7
	Oct. 28	a 24.2		Nov. 18	47.3
	Dec. 10	a 23.7			
	1933			1933	
	Jan. 5	24.4		Jan. 5	38.5
	1932			1932	
E-48-G-28	Jan. 4	24.5	E-50i-G-29	July 10	b 9.9
	Mar. 7	20.5		Aug. 18	b 15.7
	Apr. 2	21.0		Nov. 18	b 14.8
	June 6	23.9			
	Aug. 17	25.7	*E-51d-G-29	Feb. 5	37.2
E-49-F-29	Mar. 8	152.9		Apr. 2	31.8
	Apr. 2	155.6		May 9	31.2
	May 9	152.1		Aug. 17	37.7
	Oct. 12	158.2		Sep. 15	37.2
				Nov. 18	37.9
	1933		E-52g-G-29	Feb. 5	c 42.0
	Jan. 5	152.8		Mar. 7	c 25.1
	1932			Apr. 2	c 26.7
				June 6	c 30.8
E-49d-F-29	Feb. 5	165.8		Oct. 28	a 38.0
	Apr. 2	162.1		Nov. 18	sealed
	June 6	161.5	E-54-F-29	Jan. 4	290.0
	Sep. 16	166.9		Feb. 5	298.0
	Oct. 12	168.0		June 6	293.0
	Nov. 18	165.8		Nov. 18	290.0
				1933	
				Jan. 5	291.0

\* Ref. pt.—Top of concrete pit, east side, 1.5 feet below ground.

a Measurement from Water Conservation Association.

b Measurement from United States Geological Survey.

c Ref. pt. (d) in Bulletin No. 39, used.

Measurements from San Bernardino Water Department except as noted.



Well Number	Date	Dist.R.P. to water surface	Well Number	Date	Dist.R.P. to water surface
		<u>Feet</u>			<u>Feet</u>
	1932			1932	
E-55b-G-29	Feb. 5	145.1	E-59a-G-30, cont.	Aug. 18	b 104.4
	Mar. 7	139.4		Nov. 18	b 110.3
	May 9	141.0			
	Aug. 17	151.1		1933	
E-56i-G-29	Feb. 5	83.8		Jan. 5	b 111.6
	Apr. 2	71.6			
	June 6	70.0		1932	
	Aug. 17	74.8	E-60-G-30	Mar. 7	79.7
	Sep. 15	77.0		May 9	79.1
	Nov. 18	79.2		June 6	78.0
	1933			Sep. 15	75.3
	Jan. 5	79.1		Nov. 18	75.8
	1932			1933	
E-57-G-29	Feb. 5	83.1		Jan. 5	76.0
	Apr. 2	65.2			
	June 6	67.6		1932	
	Aug. 17	74.3	E-62a-G-30	Mar. 7	277.1
	Sep. 16	75.3		Apr. 2	271.7
	Nov. 18	81.0		June 6	245.2
	1933			Sep. 17	241.0
	Jan. 5	84.8		1933	
	1932			Jan. 5	246.7
E-59-G-29	Jan. 27	a 100.0		1932	
	Feb. 22	a 92.9	E-66-I-26	Jan. 13	c 10.2
	Apr. 5	a 79.0		Feb. 27	c 8.8
	May 26	a 81.0		June 25	c 10.0
	June 29	a 80.0		Sep. 30	c 10.6
	Aug. 26	a 85.6		Dec. 29	c 10.5
	Sep. 30	a 92.6			
	Dec. 29	a 85.9	E-67h-I-26	Jan. 13	c 13.1
E-59a-G-30	Mar. 10	b 114.0		Feb. 27	c 12.3
	Apr. 6	b 108.2		July 19	c 14.0
	May 18	b 103.0		Oct. 31	c 15.8
				Dec. 29	c 15.3

a Measurement from Water Conservation Association.

b Measurement from United States Geological Survey.

c Measurement from Riverside Basin Water Users Council.

Measurements from San Bernardino Water Department except as noted.

Well Number	Date	Dist.R.P. to water surface		Well Number	Date	Dist.R.P. to water surface	
			<u>Feet</u>				<u>Feet</u>
	1932				1932		
E-68g-I-26	Jan. 13	ab	12.1	E-78-G-27	Jan. 15	c	56.0
	Feb. 27	a	10.2		Mar. 15	c	48.0
	June 23	a	11.6		Apr. 15	c	88.0
	Sep. 30	a	14.2		June 15	c	98.0
	Dec. 29	a	12.3		Sep. 15	c	98.0
E-69L-I-26	Feb. 27	a	8.9	Oct. 15	c	98.0	
	June 23	a	9.2	Nov. 15	c	72.0	
	July 19	a	9.6	Dec. 15	c	70.0	
	Sep. 30	a	11.7	E-81g-H-27	Jan. 29	e	37.2
	Dec. 29	a	11.2		Mar. 23	e	24.5
E-70-G-27	Jan. 15	c	202.0		Apr. 5	e	35.6
	Feb. 15	c	209.0		June 29	e	47.9
	Apr. 15	c	209.0		Aug. 27	e	64.5
	July 15	c	212.0	Sep. 30	e	67.0	
	Sep. 15	c	204.0	Dec. 9	e	62.8	
	Dec. 15	c	204.0	E-85-G-27	Jan. 5	f	35.2
E-74-I-27	Jan. 18	d	57.2		Mar. 8	f	32.5
	Mar. 14	d	56.7		Apr. 4	f	48.0
	Apr. 14	d	56.7		May 10	f	40.2
	July 13	d	56.4		June 6	f	34.4
	Aug. 16	d	59.6	July 15	f	51.2	
	Oct. 17	d	58.5	Sep. 16	f	52.9	
	Dec. 15	d	58.8	Nov. 19	f	55.3	
E-74i-I-27	Feb. 27	a	115.9	E-93-G-28	Feb. 22	e	+49.0
	June 23	a	118.1		Apr. 5	e	+28.2
	Sep. 30	a	120.0		May 26	e	+30.0
	Oct. 31	a	121.3		June 29	e	+29.8
	Dec. 29	a	122.4		July 29	e	+25.4
E-76-H-27	Jan. 29	e	25.8	Sep. 29	e	+16.2	
	Mar. 23	e	10.5	Oct. 28	e	+30.0	
	Apr. 5	e	18.9	Dec. 10	e	+31.9	
	May 28	e	24.1	E-95-H-27	Mar. 14	d	92.9
	June 29	e	31.3		Sep. 14	d	97.1
	July 29	e	39.6		Dec. 15	d	98.8
	Aug. 27	e )		E-98-H-28	e Flowing all year.		
	Dry at )43.0						

a Measurement from Riverside Basin Water Users Council.

b Correction to Bulletin No. 39.

c Measurement from Colton Water Department

d Measurement from Riverside Cement Company.

e Measurement from Water Conservation Association.

f Measurement from San Bernardino Water Department.

Well Number	Date	Dist.R.P. to water surface		Well Number	Date	Dist.R.P. to water surface	
		Feet				Feet	
	1932				1932		
E-101-G-28	Jan. 5	a	17.1	E-107a-H-29, cont.	Aug. 10		64.4
	Mar. 7	a	12.5		Oct. 12		65.0
	Apr. 2	a	22.3		Nov. 12		65.9
	June 6	a	26.2		Dec. 16		63.9
	1933			E-107b-H-29	Jan. 27	c	80.5
	Jan. 4	a	17.7		Mar. 23	c	78.2
	1932				Apr. 5	c	81.2
					May 26	c	84.4
					June 29	c	83.6
					Aug. 26	c	92.2
					Sep. 30	c	77.9
					Oct. 28	c	87.2
E-102m-H-28	Mar. 10	b	37.4		Dec. 9	c	85.7
	Aug. 26)	b					
	Dry )	at	45.0				
*E-106-H-29	Jan. 13		49.5	E-107d-H-29	Feb. 10		78.7
	Mar. 10		47.8		Apr. 7		78.4
	Apr. 11		50.5		June 13		79.2
	June 10		53.2		Aug. 11		80.0
	Aug. 10		56.4		Oct. 3		80.7
	Oct. 12		58.3		Dec. 15		81.0
	Dec. 15		56.7				
E-106d-H-29	Feb. 17		52.3	E-107f-H-29	Mar. 10	b	76.4
	Mar. 10		59.8		Aug. 26	b	Dry
	May 11		74.5	**E-109-G-29	Jan. 2	d	42.9
	Aug. 26		86.3		Feb. 6	d	39.0
	Nov. 18		58.2		Mar. 5	d	31.3
			Apr. 2		d	29.0	
			May 7		d	29.2	
E-107-H-29	Jan. 9		66.5	July 2	d	28.0	
	Mar. 10		63.6	Aug. 6	d	30.7	
	Apr. 11		64.5	Oct. 1	d	35.6	
	June 10		68.2	Dec. 3	d	38.1	
	Aug. 12		73.4				
	Nov. 18	b	77.1				
	1933						
E-107a-H-29	Jan. 9		59.9		Jan. 7	d	38.3
	Mar. 10		58.5		Feb. 4	d	36.1
	Apr. 11		60.5				
	June 10		62.2				

\* Beginning Jan. 13, 1932, reference point is top of casing, 1.4 feet above ground. Elev. 1148.9.

\*\* Elevation of reference point is 1555.4.

a Measurement from San Bernardino Water Department.

b Measurement from United States Geological Survey.

c Measurement from Colton Water Department.

d Measurement from Gage Canal Company.

Measurements from Water Conservation Association except as noted.

Well Number	Date	Dist.R.P. to water surface	Well Number	Date	Dist.R.P. to water surface
		<u>Feet</u>			<u>Feet</u>
	1932			1932	
E-110-H-29	Jan. 14	61.7	E-112a-H-29	Jan. 8	80.8
	Mar. 11	61.7		Apr. 7	78.5
	May 11	62.1		June 13	81.9
	July 12	62.8		Aug. 11	85.1
	Sep. 12	63.4		Sep. 8	85.8
	Oct. 12	63.1		Oct. 3	85.0
	Nov. 12	63.2		Dec. 15	82.8
E-111-H-29	Jan. 8	98.2	E-112c-I-29	Jan. 8	42.9
	Mar. 9	96.3		Mar. 9	41.2
	Apr. 7	95.4		Apr. 7	41.6
	June 13	96.2		June 13	42.6
	Aug. 11	98.7		Aug. 11	44.0
	Oct. 3	101.1		Sep. 8	44.1
	Nov. 12	101.4		Oct. 3	44.0
	Dec. 15	101.1		Dec. 15	44.2
E-111a-H-29	Jan. 9	59.3	E-114-H-29	Jan. 14	137.9
	Mar. 10	58.5		Mar. 11	133.3
	Apr. 11	59.1		Apr. 12	130.8
	June 10	60.2		May 17	129.4
	Aug. 10	61.2		July 12	132.6
	Oct. 12	62.5		Sep. 12	138.4
	Nov. 12	62.9		Oct. 15	137.4
	Dec. 16	62.7		Nov. 14	138.2
E-111e-H-29	Jan. 8	138.0	E-117-I-30	Dec. 17	134.3
	Mar. 9	136.0		Jan. 8	64.6
	Apr. 7	135.9		Mar. 9	62.7
	June 13	137.2		Apr. 7	62.5
	July 8	145.8		June 13	66.8
	Aug. 11	140.5		Aug. 11	68.8
	Oct. 3	142.2		Oct. 3	70.8
	Dec. 15	141.1		Dec. 15	67.8
E-111h-H-29	Jan. 9	75.2	E-118a-G-30	Feb. 4	a 134.2
	Mar. 10	74.1		Apr. 2	a 131.2
	Apr. 11	74.6		June 6	a 117.3
	June 10	75.3		Sep. 16	a 124.1
	July 11	76.5		Nov. 18	a 127.6
	Sep. 12	75.9			
	Oct. 12	75.8		1933	
	Dec. 16	75.5		Jan. 5	a 126.6

a Measurement from San Bernardino Water Department.

Measurements from P. E. Hicks except as noted.



Well Number	Date	Dist.R.P. to water surface	Well Number	Date	Dist.R.P. to water surface
		<u>Feet</u>			<u>Feet</u>
	1932			1932	
E-119a-H-30	Jan. 12	194.7	E-122j-I-30	Jan. 8	42.1
	Mar. 31	183.3		Mar. 9	41.3
	Apr. 12	180.8		July 8	42.5
	June 15	183.6		Oct. 3	43.2
	Oct. 15	190.6	E-122k-I-30	Jan. 8	81.0
	Dec. 17	187.3		Mar. 31	72.2
E-120-H-30	Jan. 11	174.9		Apr. 7	71.8
	Mar. 9	171.7		July 8	73.0
	Apr. 16	170.7		Oct. 3	76.6
	June 15	168.1	E-123c-H-20	Jan. 12	257.2
	Aug. 12	167.5		Mar. 11	254.1
	Oct. 10	167.0		Apr. 12	251.4
	Dec. 17	164.5		June 15	248.6
	1933			Aug. 12	246.2
	Jan. 6	163.4		Sep. 13	245.0
	1932			Oct. 16	243.9
E-120a-H-30	Jan. 11	204.1	E-124-H-30	Dec. 17	241.4
	Apr. 16	205.0		Jan. 11	144.9
	May 15	205.8		Mar. 31	137.7
	July 8	205.5		Apr. 16	135.7
	Aug. 12	204.7		June 15	132.2
	Oct. 10	201.9		Aug. 12	132.3
	Dec. 14	201.1		Oct. 10	127.9
	1933			Dec. 17	121.7
	Jan. 6	200.7		1933	
	1932			Jan. 6	119.7
E-122-I-30	Jan. 8	71.5		1932	
	Mar. 9	70.1	E-124d-H-31	Jan. 12	261.3
	Apr. 7	69.3		Mar. 12	262.0
	June 13	70.1		Apr. 16	261.7
	Aug. 11	70.4		June 15	261.2
	Oct. 3	70.6		Aug. 12	260.2
	Dec. 14	70.7		Sep. 13	259.5
E-122c-I-30	Jan. 8	66.8	E-125-H-30	Apr. 16	195.0
	Mar. 9	60.6		Oct. 10	194.7
	Apr. 7	61.2	E-126-I-30	July 8	53.9
	July 8	65.1		Oct. 3	53.9
	Oct. 3	67.8			

Measurements from P. E. Hicks.



Well Number	Date	Dist.R.P. to water surface	Well Number	Date	Dist.R.P. to water surface
		<u>Feet</u>			<u>Feet</u>
	1932			1932	
E-127-H-31	Jan. 12	93.6	E-130a-I-31	Oct. 3	36.5
	Mar. 4	90.9	E-131-H-31	Feb. 18	24.3
	Apr. 12	82.4		Mar. 12	9.9
	June 15	62.2		Apr. 12	2.9
	Aug. 12	57.3		May 16	1.4
	Sep. 13	59.8		June 15	2.1
	Oct. 16	64.2		Aug. 12	14.8
	Dec. 17	69.0		Oct. 16	27.1
E-127a-H-31	Jan. 12	157.6		Dec. 17	35.0
	Mar. 31	156.8	E-131e-H-32	Jan. 12	31.4
	May 11	157.8		Feb. 18	9.8
	July 15	161.6		Mar. 12	5.9
	Oct. 16	142.3		Mar. 31	6.2
	Dec. 17	135.1		June 15	10.4
E-127b-G-31	Jan. 12	224.6		Aug. 12	16.0
	Mar. 11	223.8	E-131f-G-31	Oct. 16	26.0
	Apr. 12	221.7		Nov. 15	32.1
	May 16	212.7		Dec. 17	26.8
	June 15	214.2		Jan. 11	55.2
	Aug. 12	205.5		Mar. 12	49.5
	Sep. 13	201.9		Apr. 12	50.0
	Oct. 16	199.0		June 15	63.0
	Dec. 17	194.5		Dec. 17	68.6
E-127d-H-31	Jan. 12	85.1	E-132-I-31	Jan. 11	99.0
	Feb. 18	86.1		Mar. 9	98.6
	Apr. 12	81.8		Apr. 13	98.6
	July 15	67.2		July 8	101.1
	Sep. 13	67.3		Oct. 10	103.7
	Oct. 16	70.5		Nov. 11	104.1
	Dec. 17	72.4	E-133-I-31	Apr. 13	a 86.9
E-128-H-31	Jan. 12	111.9		Oct. 10	113.3
	Mar. 11	107.7	E-136-I-32	Jan. 8	63.8
	Apr. 12	106.3		Mar. 9	61.4
	June 15	103.8		July 8	63.7
	July 15	102.5		Sep. 10	67.8
	Sep. 13	106.3		Oct. 11	67.9
	Oct. 16	108.3		Nov. 11	66.9
	Dec. 17	105.6			
	1932			1933	
E-129-I-31	Apr. 13	67.8		Jan. 6	64.6
E-130-I-31	Apr. 7	20.3			
	Oct. 3	26.3			

a Pumping nearby.

Measurements from P. E. Hicks.

Well Number	Date	Dist.R.P. to water surface	Well Number	Date	Dist.R.P. to water surface
		<u>Feet</u>			<u>Feet</u>
	1932			1932	
E-136c-I-32	Jan. 8	130.2	E-140c-H-33	Apr. 13	19.7
	Mar. 9	127.3		Oct. 10	34.6
	Apr. 13	126.3	E-141-I-33	Apr. 13	63.0
	June 6	131.7		Oct. 10	62.7
	Sep. 10	140.1	E-147b-K-21	Mar. 3	a 5.1
	Oct. 10	137.8		Apr. 6	a 5.6
Dec. 6	133.1			July 13	a 6.4
	1933			Sep. 13	a 7.3
Jan. 6	131.2			Oct. 13	a 7.0
	1932			Dec. 15	a 6.6
				1932	
E-136f-I-32	Oct. 11	192.8	E-147c-L-21	Feb. 21	a 6.3
E-136i-I-32	Feb. 10	157.0		Apr. 6	a 6.5
	Apr. 13	154.8		Nov. 16	ab 11.1
	Oct. 10	167.0		Dec. 15	ab 10.0
E-137-H-32	Apr. 13	213.2	E-148-K-22	Mar. 2	a 115.1
	Oct. 10	218.4		Apr. 6	a 114.9
E-138-I-32	Apr. 13	172.9		June 12	c 114.6
	Oct. 11	181.8		Oct. 3	c 116.1
				Dec. 30	d 116.3
E-138b-I-32	Mar. 31	221.5	E-149d-K-22	Feb. 17	a 48.6
	Apr. 13	221.0		Mar. 11	a 48.5
	Oct. 10	233.5		Apr. 6	a 49.0
E-138f-I-33	Oct. 10	355.0		July 16	d 52.0
				Sep. 24	d 52.0
E-139-H-32	Apr. 13	266.5		Nov. 30	d 50.2
	Oct. 10	275.9		Dec. 15	a 50.5
E-139a-H-33	Oct. 10	262.2	E-149i-K-22	Feb. 9	58.7
				Mar. 15	59.2
E-140-H-33	Mar. 31	54.8		Apr. 19	59.4
	Apr. 13	54.9		June 15	d 55.7
	Oct. 10	63.6		Sep. 24	d 55.6
				Dec. 30	d 55.6

a Measurement from W. W. Hoy.

b Ref. pt.—Bottom of base of hand pump, 1 foot above ground.

c Measurement from J. R. Shoemaker.

d Measurement from Riverside County Land Owners Association.

Measurements from P. E. Hicks except as noted.

Well Number	Date	Dist.R.P. to water surface		Well Number	Date	Dist.R.P. to water surface	
		Feet				Feet	
	1932				1932		
*E-150-K-22	Mar. 2	86.6		E-156-K-23	Mar. 30	53.0	
	Apr. 19	89.2			July 14	53.0	
	July 16	a 90.0			Sep. 13	52.9	
	Sep. 24	a 89.0			Oct. 13	53.0	
	Dec. 30	a 89.3			Dec. 18	53.1	
E-150b-K-22	Mar. 11	48.2		E-156b-K-23	Mar. 30	43.0	
	Apr. 6	49.1			Apr. 6	Dry	
	June 15	a 51.0			June 10	Plugged	
	Aug. 23	a 51.9					
	Sep. 24	a 51.7		E-157-K-23	Mar. 15	35.1	
	Oct. 30	a 48.2			Apr. 6	35.1	
	Dec. 30	a 51.6			May 6	35.0	
E-151-K-22	Apr. 6	16.8			Sep. 24	a 35.1	
	May 6	16.4			Dec. 30	a 35.3	
	June 15	a 18.2					
	Aug. 23	a 25.4		E-165d-K-24	Dec. 30	a 5.4	
	Sep. 24	a 26.5					
	Oct. 30	a 24.9		E-169a-K-24	June 24	a 12.2	
	Dec. 30	a 22.3			Sep. 24	a 12.5	
E-151f-K-22	Feb. 22	26.4			Dec. 30	a 10.6	
	Apr. 6	30.1		E-169c-K-24	Sep. 24	a 8.3	
	May 6	30.6			Dec. 30	a 7.5	
	1931			E-170-J-25	Aug. 26	b 56.1	
E-153-K-22	Oct. 3	32.4			Sep. 29	b 53.7	
	Dec. 29	32.2			Oct. 30	b 53.9	
	1932				Nov. 28	b 52.8	
					Dec. 28	b 53.5	
	Feb. 23	31.9		**E-172-J-25	Feb. 27	b 6.0	
	Mar. 19	30.1			June 24	b 9.2	
	Apr. 6	31.7			Aug. 26	b 8.7	
	June 15	a 31.9			Sep. 29	b 8.0	
	Aug. 23	a 34.9			Nov. 28	b 6.7	
	Sep. 24	a 34.3			Dec. 28	b 7.8	
	Oct. 30	a 32.2					
	Dec. 30	a 32.2					

\*Beginning July 16, 1932, reference point is base of pump, 0.8 feet above ground, on new concrete base.

\*\*Beginning Aug. 26, 1932 reference point is top of 12 x 12 across pit, 0.6 foot below ground and 0.3 foot below old reference point.

a Measurement from Riverside County Land Owners Association.

b Measurement from Riverside Basin Water Users Council.

Measurements from W. W. Hoy except as noted.

Well Number	Date	Dist.R.P. to water surface		Well Number	Date	Dist.R.P. to water surface	
		Feet				Feet	
1932				1932			
E-173e-K-25	Feb. 27	a	4.9	E-185-J-25	Feb. 27		40.9
	June 24	b	5.6		June 25		41.9
	Aug. 26	b	6.5		July 20		42.2
	Sep. 29	b	5.9		Oct. 30		42.8
	Nov. 28	b	5.3		Dec. 28		42.3
	Dec. 28	b	5.2				
E-174-K-25	July 20		21.6	E-192-J-26	Jan. 18	c	66.8
	Aug. 26		21.6		Mar. 14	c	65.6
	Sep. 29		20.8		June 14	c	66.9
	Nov. 28		20.2		Sep. 14	c	73.3
	Dec. 28		19.2		Oct. 17	c	69.8
					Dec. 15	c	67.4
E-175-K-24	Mar. 1	b	28.8	E-192a-J-26	Feb. 27		7.4
E-178-J-25	Sep. 29		39.5		Aug. 26		9.6
	Dec. 28		39.6		Sep. 29		9.4
					Oct. 30		8.8
					Dec. 28		6.9
E-179c-K-25	Feb. 27		19.1	E-193b-K-26	July 20		106.4
	July 20		20.6		Sep. 29		104.0
	Sep. 29		21.0		Dec. 29		103.4
	Dec. 28		20.2				
E-182-K-25	Feb. 27	b	67.7	E-194-K-26	Feb. 27		107.2
	June 24	b	69.6		June 24		108.3
	July 20	b	70.6		Aug. 26		108.9
	Sep. 29	b	69.5		Sep. 29		109.2
	Dec. 28	b	69.8		Oct. 31		109.1
					Dec. 29		108.7
*E-184-J-25	Feb. 27		60.1	E-196-I-26	Jan. 18	c	8.0
	June 25		60.2		Mar. 14	c	7.1
	Aug. 26		60.5		June 14	c	7.3
	Sep. 29		60.1		Sep. 14	c	9.7
Oct. 30		Dry	Oct. 17		c	9.2	
					Dec. 15	c	8.4
E-184c-J-25	Feb. 27		61.2	E-196e-J-26	June 13	d	86.5
	July 20		61.9		July 19	d	91.3
	Aug. 26		62.3		Aug. 23	d	91.2
	Sep. 29		62.7				
	Dec. 28		61.9				

\* Beginning June 25, 1932, reference point is clamp, 0.5 foot above ground, 1.05 feet below old reference point.

a Measurement from W. W. Hoy.

b Measurement from Riverside County Land Owners Association.

c Measurement from Riverside Cement Company.

d Measurement from owner.

Measurements from Riverside Basin Water Users Council except as noted.



Well Number	Date	Dist.R.P. to water surface <u>Feet</u>	Well Number	Date	Dist.R.P. to water surface <u>Feet</u>
	1932			1933	
*E-201d-I-27	Feb. 27	a 83.6	E-225c-J-31,	Jan. 6	46.6
	June 23	a 82.9	cont.		
	Aug. 24	a 85.4		1932	
	Sep. 30	a 87.9			
	Oct. 31	a 85.6			
	Dec. 29	a 85.4	E-227-J-31	Jan. 8	74.3
E-202-J-26	June 13	b 155.0		Mar. 9	75.7
	Aug. 23	b 157.0		July 8	74.8
				Oct. 3	73.2
E-206-J-27	Feb. 27	a 212.8		1933	
	Sep. 29	a 216.9			
	Dec. 29	a 216.0		Jan. 6	73.2
E-223-J-30	Jan. 8	39.9		1932	
	Mar. 9	35.8	E-229-I-32	Apr. 13	61.8
	Oct. 3	54.1			
E-225-J-31	Jan. 8	54.2	E-232-J-32	Jan. 5	177.3
	Mar. 31	51.0		Mar. 7	176.4
	July 8	50.6		June 6	177.0
	Oct. 3	51.7		Oct. 11	178.6
				Dec. 6	178.7
	1933		E-232a-J-32	Jan. 5	59.4
	Jan. 6	48.1		Mar. 7	58.1
	1932			Apr. 9	57.6
E-225b-J-31	Jan. 8	40.5		May 10	57.2
	Mar. 9	39.2		July 7	58.2
	July 8	38.9		Oct. 11	60.6
	Oct. 3	38.9	E-232b-J-32	Dec. 6	60.8
	1933				
	Jan. 6	38.4		Jan. 5	81.0
	1932			Apr. 9	80.3
E-225c-J-31	Jan. 8	46.6		June 6	81.3
	Mar. 9	46.3		July 8	80.4
	July 8	46.6		Sep. 10	81.7
	Oct. 3	46.7		Oct. 11	81.6
				Dec. 6	82.0
			E-233-J-32	Feb. 11	50.5
				Apr. 9	54.0
				June 6	68.1

\* Beginning Aug. 24, 1932, reference point is hole at air line, 0.9 feet above old reference point.

a Measurement from Riverside Basin Water Users Council.

b Measurement from owner.

Measurements from P. E. Hicks except as noted.



Well Number	Date	Dist.R.P. to water surface		Well Number	Date	Dist.R.P. to water surface	
		Feet				Feet	
	1932				1932		
E-233d-J-32	Jan. 5		82.5	E-236d-J-33	Jan. 5		163.8
	Apr. 9		81.6		Apr. 9		163.7
	June 6		82.2		June 6		163.9
	Sep. 10		83.4		Aug. 8		164.2
	Oct. 11		84.5		Oct. 11		164.6
	Dec. 6		84.5		Dec. 6		165.0
E-233e-J-32	Feb. 11		56.9		1933		
	Apr. 9	a	69.9				
	May 10	a	72.1	Jan. 6		165.1	
	June 6	a	75.9				
	July 7	a	87.6		1932		
	Sep. 10		96.3				
	Oct. 11		83.5	E-237-K-33	Apr. 13		46.4
	Nov. 11		78.9		Dec. 6		46.6
	Dec. 6		90.7				
E-233f-J-32	Mar. 31		41.8	E-239-J-33	Jan. 5		6.1
	May 10		42.5		Mar. 7		2.6
	July 7		43.4		Apr. 9		4.0
	Sep. 10		45.1		May 10		3.6
	Nov. 11		45.1		July 7		5.0
	Dec. 6		45.3		Sep. 10		6.4
					Oct. 11		6.5
E-234-J-32	Jan. 5		22.6	Dec. 6		6.6	
	Mar. 7		21.5				
	Apr. 9		21.8		1933		
	June 6		22.4				
	July 7		21.7	Jan. 6		6.3	
	Sep. 10		23.4				
	Oct. 11		23.5		1932		
	Dec. 6		23.7				
				E-240-J-33	Jan. 5		317.7
E-236-J-33	Jan. 5		86.5		Apr. 9		317.8
	Mar. 7		86.0		June 6		317.9
	Apr. 9		85.8		Sep. 10		318.5
	June 6		86.5		Oct. 11		318.6
	July 7		86.8		Dec. 6		319.0
	Oct. 11		87.8				
	Dec. 6		88.0	E-240d-J-33	Apr. 13		100.4
					Dec. 15		113.6
	1933			E-242-K-33	Dec. 6		100.7
	Jan. 6		88.0	E-245-K-33	Apr. 9		289.3
					July 7		289.8
					Oct. 11		290.2

a Pumping nearby.

Measurements from P. E. Hicks.

Well Number	Date	Dist.R.F. to water surface		Well Number	Date	Dist.R.F. to water surface	
		Feet				Feet	
	1932				1932		
E-246-K-33	Feb. 11	a	246.6	E-272-L-22	Mar. 5		23.9
	Mar. 29	a	246.4		Apr. 6		23.7
	May 10	a	246.5		May 6		22.6
	July 7	a	246.7		June 10		24.7
					Dec. 15		29.2
E-249-J-34	Apr. 13	a	68.2		1933		
	Oct. 15	a	69.0				
E-254f-J-34	Apr. 13	a	139.1		Jan. 14		26.9
	Oct. 15	a	137.0				
					1932		
E-265-L-21	June 15	b	17.8	E-273a-L-22	Apr. 6		138.2
	July 6	c	18.0		May 6		137.9
	Sep. 24	b	18.4		July 16	b	139.2
	Dec. 30	b	17.9		Aug. 23	b	140.4
E-267-L-21	Feb. 1		0.6		Sep. 24	b	139.7
	Mar. 3		0.3		Nov. 27	b	141.6
	Apr. 6		0.6		Dec. 30	b	140.8
	May 6		0.6				
	1933			E-274c-L-22	Apr. 6		71.3
	Feb. 2	d	0.7		May 6		71.2
	1932				July 13		75.5
E-268-L-21	July 6	c	40.3		Sep. 13		78.0
	Dec. 2	c	40.4		Oct. 13		77.3
					Nov. 16		78.0
					Dec. 15		76.3
					1933		
E-268b-L-21	Feb. 7		16.7		Jan. 4		74.6
	Apr. 6		15.1				
	May 6		14.9		1932		
	Oct. 30	a	18.7	E-275-L-22	July 16	b	101.9
	Dec. 30	b	17.3		Sep. 24	b	103.4
E-270-L-21	Mar. 3		102.1		Oct. 30	b	103.1
	May 6		100.6		Nov. 27	b	103.3
	June 15	b	100.3	Dec. 30	b	102.3	
	Dec. 30	b	103.4				

a Measurement from P. E. Hicks.

b Measurement from Riverside County Land Owners Association.

c Measurement from Orange County Flood Control District.

d Measurement from J. R. Shoemaker.

Measurements from W. W. Hoy except as noted.

			Dist.R.P. to water surface				Dist.R.P. to water surface
Well Number	Date	<u>Feet</u>		Well Number	Date	<u>Feet</u>	
			1932				1932
E-276-L-22	June 1	ab	147.7	E-280d-L-22	May 1	a	94.8
	Aug. 1	ab	149.6		June 1	a	97.5
	Sep. 1	ab	150.8		July 1	a	97.0
	Oct. 12	a	146.0		Sep. 1	a	99.4
	Nov. 2	ab	151.4		Oct. 12	a	98.5
	Dec. 14	a	146.2		Nov. 2	a	99.4
				Dec. 14	a	98.8	
			1933				
	Jan. 14		144.6	E-281f-L-22	Jan. 12		44.5
					Mar. 23		42.0
			1932	E-282c-L-22	Apr. 16	a	97.6
E-276c-L-22	Jan. 1		190.5		May 1	a	86.9
	Mar. 3		189.7		June 1	ab	97.7
	Apr. 6		189.6		Aug. 1	ab	97.7
	July 14		189.7		Sep. 1	ab	102.0
	Dec. 15		189.6		Oct. 12	a	90.6
					Nov. 2	ab	103.5
			1933		Dec. 14	a	91.0
							1933
	Jan. 14		189.2		Jan. 14		89.4
			1932				1932
E-279-L-22	Apr. 6		27.9	E-282f-L-22	May 1	a	79.3
	June 10		30.7		July 1	a	81.0
	Sep. 13		34.7		Sep. 1	a	83.2
	Oct. 13		33.9		Oct. 12	a	83.0
	Dec. 15		32.0		Dec. 14	a	83.3
			1933				
	Jan. 14		31.0	E-287-L-23	Jan. 4		100.2
					Mar. 30		96.7
			1932	E-287c-L-23	Mar. 2		84.9
E-280-L-22	Apr. 6		31.4		Apr. 6		83.7
	June 10		33.1		July 14		84.7
	Sep. 13		36.8		Sep. 13		86.6
	Oct. 13		36.3		Oct. 13		87.6
	Dec. 15		35.3		Dec. 16		87.9
			1933				
	Jan. 4		34.4				

a Measurement from owner.

b Pumping.

Measurements from W. W. Hoy except as noted.

Well Number	Date	Dist.R.P.	Well Number	Date	Dist.R.P.
		to water surface			to water surface
		<u>Feet</u>			<u>Feet</u>
	1932			1932	
E-291b-L-23	Mar. 8	13.6	E-294-L-23	Mar. 26	17.1
	Apr. 6	14.8		July 14	24.2
	June 15	a 19.4		Aug. 23	a 26.6
	Aug. 23	a 23.6		Sep. 24	a 27.0
	Sep. 24	a 21.6		Oct. 30	a 26.0
	Oct. 30	a 24.2		Nov. 27	a 25.9
	Nov. 27	a 25.0		Dec. 30	a 24.5
	Dec. 30	a 22.9			

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a Measurement from Riverside County Land Owners Association.

Measurements from W. W. Hoy except as noted.

ERRATA SHEET

Page 127 - Station No. 4137, year 1927-28, 18.91 should be 12.93.

Page 130 - Station No. 4248, year 1927-28, 21.33 should be 13.49.

Page 131, Station No. 4336, 23.09 should be for 1931-32 and  
15.02 should be for 1930-31.

Page 147, Figures (10.15\*, etc.) under Station No. 14344, should be  
under 14373 and vice versa.

On map - Station Number 3763 should be Number 3673





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PRECIPITATION RECORDS

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## PRECIPITATION STATION DATA - SOUTH COASTAL BASIN

No.	Index	Owner of Gage	Observers	Sources of Information
185	O-6	Point Vicente Lighthouse	A. Trittenger	L.A. Co. F.C.D.
210	N-7	Palos Verdes Golf Club	L. Hussey	L.A. Co. F.C.D.
212	N-7		W. W. McCerrell	L.A. Co. F.C.D.
230	N-7	Palos Verdes Estates	L. Hussey	L.A. Co. F.C.D.
245	O-7	Palos Verdes Ranch	P. J. Mertz	L.A. Co. F.C.D.
308	P-8	U.S. Weather Bureau	Mr. Moore; Mr. Cordill; Mr. Vernaco	L.A. Co. F.C.D.
327	P-9	U.S. Weather Bureau	Mr. Lindner	U.S. W.B.
331	N-9	L.A. Co. Fl. Contr. Distr.	Wilmington City Hall, F. C. Bowman	U.S. W.B.
401	N-10	City of Long Beach	Mr. Sammons	L.A. Co. F.C.D.
403	O-10	Alemitos Land Co.	J. T. Musgrove; Mr. Beach	L.A. Co. F.C.D.
413	O-10	U.S. Weather Bureau		L.A. Co. F.C.D.
485	O-12	Seal Beach Gas & Elec. Co.		U.S. W.B.
578	P-14	A. Ruoff	Owner	D.W.R.; Owner, O. Co. F.C.D.
587	P-14	J. A. Murdy	Owner	Owner
596	O-14	American Beet Sugar Co.	Josh Piles	Owner
598	P-14	Mrs. A. H. Moore	Owner	Owner
715	M-7	City of Redondo	M. B. Fisher	L.A. Co. F.C.D.
754	M-8	L.A. Co. Fl. Contr. Distr.	General Pet. Co., Marion E. Dice	
794	M-8	So. Calif. Edison Co.	P. Brunjo	L.A. Co. F.C.D.
864	M-10	L.A. Co. Fl. Contr. Distr.	James L. Nash	L.A. Co. F.C.D.
972	L-12	Bellflower First Natl. Bk.	R.V. Bashore	L.A. Co. F.C.D.
985	M-12	Montana Ranch	J. F. Anthony	D.W.R.; L.A. Co. F.C.D.
1014	M-12	Griffen Lumber Co.	W. S. Russell	L.A. Co. F.C.D.
1029	N-13	Los Alemitos Sugar Co.	Office Personnel	D.W.R.; L.A. Co. F.C.D.; O. Co. F.C.D.
1030	L-13	L.A. Co. Fl. Contr. Distr.	Norwalk C. of C., C. S. Hargitt	D.W.R.; Owner
1081	L-14	Standard Oil Co.		L.A. Co. F.C.D.
1099	N-14	T. W. Clark	Owner	D.W.R.; L.A. Co. F.C.D.; Owner
1103	L-14	Nelson Hardware Co.	Mr. Nelson	D.W.R.; Owner; O. Co. F.C.D.
1137	M-15	Joseph Carroll Rch.	Jos. Carroll; Ranch Foreman	D.W.R.; Owner
1166	M-15	Associated Laboratories, Inc.	D. D. Waynick	O. Co. F.C.D.; Owner D.W.R.; Owner

PRECIPITATION STATION DATA - SOUTH COASTAL BASIN. Continued

<u>No.</u>	<u>Index</u>	<u>Owner of Gage</u>	<u>Observers</u>	<u>Sources of Information</u>
1170	I-15	Bestanchury Ranch Co.	W. J. Hegar	Owner
1186	M-16	H. A. Dickel	Owner	O. Co. F.C.D.
1186A	M-16	Anaheim Union Water Co.	L. J. Sheridan	O. Co. F.C.D.; Owner
1187	M-16	Anaheim City Water Works	Mr. Oelkers; Mr. Hannum	Owner
1199	M-16	So. California Edison Co.	E. L. Hain	O. Co. F.C.D.; Owner
1241	I-5	L.A. Co. Fl. Contr. Distr.	Venice Eng. Dept., I.F. White	Owner
1288	K-6	Standard Oil Co.	T.H.N. Waite	Owner
1343	J-7	Inglewood High School	Geo. Green	Owner
1349	K-7	U. S. Weather Bureau		U.S. W.B.
1395	J-8	L.A. Co. Fl. Contr. Distr.	W. G. Frayer	L.A. Co. F.C.D.
1409	I-9	L.A. Co. Fl. Contr. Distr.	W. S. Rosecrans	L.A. Co. F.C.D.
1444	J-9	L.A. Co. Storm Drain Dept.	Department Personnel	L.A. Co. F.C.D.
1475	K-10	Wetts (D.S. Jordan) Hi-School	John Chapouris	L.A. Co. F.C.D.
1479	K-10	L.A. Co. Fl. Contr. Distr.	Raymond W. Day	L.A. Co. F.C.D.
1482	J-10	L.A. Co. Fl. Contr. Distr.	Huntington Park Water Dept., W. E. Ford	L.A. Co. F.C.D.
1502	J-10	L.A. Co. Fl. Contr. Distr.	Bell Fire Dept., J.F. Savail; J. H. Carroll	L.A. Co. F.C.D.
1546	K-11	L.A. Co. Fl. Contr. Distr.	L.A. Co. Farm, W.R. Harriman	L.A. Co. F.C.D.
1552	J-11	L.A. Co. Storm Drain Dept.	Department Personnel	L.A. Co. F.C.D.
1565	K-12	L.A. Co. Fl. Contr. Distr.	A. L. Darby	L.A. Co. F.C.D.
1593	J-12	L.A. Co. Fl. Contr. Distr.	Mr. Robinson	L.A. Co. F.C.D.
1651	J-13	Southern Pacific R.R.	G. A. Kuhry	D.W.R.; L.A. Co. F.C.D.
1661	J-13	L.A. Co. Fl. Contr. Distr.	Whittier Eng. Dept., M.R. Bowen	L.A. Co. F.C.D.
1661A	J-13	Whittier News	Mr. Holt	O. Co. F.C.D.
1684	J-13	L.A. Co. Fl. Contr. Distr.	P. E. Sharples	L.A. Co. F.C.D.
1684	J-14	L.A. Co. Fl. Contr. Distr.	U.S. Farm Bureau, Sam Mendenhall	L.A. Co. F.C.D.
1700	I-14	Elliott Ranch	Mr. Ralph; O. J. Hanson	L.A. Co. F.C.D.
1706	K-14	Leffingwell Rancho	M. Stevenson	D.W.R.; L.A. Co. F.C.D.
1721	J-14		C. L. Jordan	L.A. Co. F.C.D.
1750	I-15	L.A. Co. Fl. Contr. Distr.	Rowland's Ranch, R.R. Steele	L.A. Co. F.C.D.
1757	K-15	La Habra Citrus Ass'n.	Mr. Chewing	D.W.R.; Owner
1768	K-15	Jack Zinn Laboratory	Jack Zinn	Owner

# PRECIPITATION STATION DATA - SOUTH COASTAL BASIN, Continued

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No.	Index	Owner of Gage	Observers	Sources of Information
1774	J-15	P. J. Weisel Ranch	R. H. Marsh	L.A. Co. F.C.D.
1853	J-17	L.A. Co. Fl. Contr. Distr.	Diamond Bar Rch., F. E. Lewis	L.A. Co. F.C.D.
1862	J-17	Orange Co. Fl. Contr. Distr.	Diamond Bar Rch., Frank Cain	O. Co. F.C.D.
1901	I-18	Orange Co. Fl. Contr. Distr.	Tres Hermanos Rancho, Jane Carr; Mr. Stewart	O. Co. F.C.D.
1906	K-18	Orange Co. Fl. Contr. Distr.	La Vida Spgs., D. E. Mangan	O. Co. F.C.D.
1925	J-18	Division of Water Resources	C. A. Purrington; D.C. Tidwell	O. Co. F.C.D.; Owner
1933	J-19	Orange Co. Fl. Contr. Distr.	J. E. Chillibolost	O. Co. F.C.D.; Observer
2401	G-3	L.A. Co. Fl. Contr. Distr.	B.O. Butler	L.A. Co. F.C.D.
2443	E-3	W. W. Culp	Owner	L.A. Co. F.C.D.
2445	H-3	L.A. Co. Fl. Contr. Distr.	Bell Air Bay Club, L.V. Miller; L. C. Preston; J.McL. Tate;	
2502	H-5	Calif. Botanical Gardens #4	W. Robertson; Henry Jenks	L.A. Co. F.C.D.
2503	H-5	L.A. Co. Fl. Contr. Distr.	L.A. Co. F.C.D., Willard E.Cole	L.A. Co. F.C.D.
2508	I-5	Mr. Sulliger	L.A. Co. F.C.D., Willard E.Cole	L.A. Co. F.C.D.
2508A	I-5	U.S. Weather Bureau	Owner	L.A. Co. F.C.D.
2511	G-5	L.A. Co. Fl. Contr. Distr.	Mt. St. Mary's College, Sister Gertrude Joseph	U.S. W.B.
2544	H-5	U.S. Soldiers' Home	J. H. Dobbins; W. E. Wheeler	L.A. Co. F.C.D.
2551	G-6	L.A. Co. Fl. Contr. Distr.	Bell Air Engr. Dept., Mr. Tate; O. F. Bell	L.A. Co. F.C.D.
2555	H-5	L.A. Co. Fl. Contr. Distr.	Sawtelle City Hall, R. S. Hardacker	L.A. Co. F.C.D.
2592	H-6	City of Beverly Hills	Jack Asher	L.A. Co. F.C.D.
2597	I-6	M. E. Pollard	Owner	L.A. Co. F.C.D.
2607	I-7	L.A. Co. Fl. Contr. Distr.	Culver City Fire Dept., Chief Wilcox	L.A. Co. F.C.D.
2643	H-7	L.A. Co. Fl. Contr. Distr.	C. Sorrenson; S. A. Warren	L.A. Co. F.C.D.
2686	H-8	L.A. Co. Fl. Contr. Distr.	Clark Estate, M. C. McRae	L.A. Co. F.C.D.
2754	H-9	L.A. Dept. of Water & Power	D. A. Lane	L.A. Co. F.C.D.
2755	H-9	U. S. Weather Bureau	U.S. W.B.	U.S. W.B.
2870	G-12	L.A. Co. Fl. Contr. Distr.	Alhambra Water Dept., J.W.Clay	D.W.R.; L.A. Co. F.C.D.
2870A	G-12	Div. of Water Resources	Office Personnel	D.W.R.; L.A. Co. F.C.D.



# PRECIPITATION STATION DATA - SOUTH COASTAL BASIN, Continued

<u>No.</u>	<u>Index</u>	<u>Owner of Gage</u>	<u>Observers</u>	<u>Sources of Information</u>
2875	H-12	L.A. Co. Storm Drain Dept.	Department Personnel	L.A. Co. F.C.D.
2888	I-12	Montebello Chamber of Commerce	Zola W. Cotton	L.A. Co. F.C.D.
2899	I-12	Montebello Chamber of Commerce	Zola V. Cotton	L.A. Co. F.C.D.
2915	H-12	J. A. Rieffer; L.A. Co. F.C.D.	John A. Rieffer	D.W.R.; L.A. Co. F.C.D.
2928	I-13	Ira D. Cate; L.A. Co. F.C.D.	Ira D. Cate; W.D. Cate	D.W.R.; L.A. Co. F.C.D.
2962	G-13	L.A. Co. Fl. Contr. Distr.	El Monte G. of C.; C.S. Ranger	L.A. Co. F.C.D.
2962A	G-13	Southern Pacific R.R.	C. S. Sexton	D.W.R.; L.A. Co. F.C.D.
3004	H-14	Southern Pacific R.R.	R. S. Gipple	D.W.R.; L.A. Co. F.C.D.
3009	I-14	Cole Ranch	Ray K. Gole	L.A. Co. F.C.P.
3041	G-15	S. Howard Leach	Owner	D.W.R.; L.A. Co. F.C.D.
3053	H-15	L.A. Co. Fl. Contr. Distr.	Hurst Brothers	L.A. Co. F.C.D.
3079	I-15	So. Calif. Edison Co.	Sub-station operators	D.W.R.; L.A. Co. F.C.D.
3094	H-16	L.A. Co. Fl. Contr. Distr.	P. R. Jackson	D.W.R.; L.A. Co. F.C.D.
3111	G-16	A. R. Evans	Owner	D.W.R.; L.A. Co. F.C.D.
3111A	G-16	L.A. Co. Fl. Contr. Distr.	J. L. Matthews; J. L. Editor,	L.A. Co. F.C.D.
3121	G-16	H. Temple; L.A. Co. F.C.D.	H., Mrs. C.A., and Wm.B. Temple	D.W.R.; L.A. Co. F.C.D.
3123	H-16	L.A. Co. Fl. Contr. Distr.	Ben F. Thorpe	L.A. Co. F.C.D.
3131	G-17	A.P. Kerchoff	Owner	D.W.R.; L.A. Co. F.C.D.
3144	H-17	Div. of Water Resources	Mr. Brewster	D.W.R.; L.A. Co. F.C.D.
3149	I-17	L.A. Co. Fl. Contr. Distr.	Fred Palmer; Adolph Graffin	D.W.R.; L.A. Co. F.C.D.
3149A	I-17		Walnut Fruit Growers' Assn.	D.W.R.; L.A. Co. F.C.D.
3155	H-17	L.A. Co. Fl. Contr. Distr.	State Narcotic Hospital,	L.A. Co. F.C.D.
			M. W. Gibbs	
3160	G-17	L.A. Co. Fl. Contr. Distr.	Will G. Fields	L.A. Co. F.C.D.
3190	G-18	L.A. Co. Fl. Contr. Distr.	F. A. Pollard	L.A. Co. F.C.D.
3223	H-18	U.S. Weather Bureau	J. E. Adamson	U.S. W.B.
3230	G-18	Pacific Electric Station	L. M. Jones	L.A. Co. F.C.D.
3242	G-19	Mr. Nichols	Owner	L.A. Co. F.C.D.
3244	H-19	Southern Pacific R.R.	W. H. Thompson	L.A. Co. F.C.D.
3256	I-19	L.A. Co. Fl. Contr. Distr.	Milton Frater	L.A. Co. F.C.D.
3280	G-19	L.A. Co. Fl. Contr. Distr.	Claremont Fire Station,	L.A. Co. F.C.D.
			G. M. Williams	
3290	G-20	U.S. Weather Bureau	Pomona College,	L.A. Co. F.C.D.
			Prof. F. P. Brackett	U.S. W.B.

## PRECIPITATION STATION DATA - SOUTH COASTAL BASIN, Continued

No.	Index	Owner of Gage	Observers	Sources of Information
3554	F-2		D. S. Poyer; Tom Farmer	L.A. Co. F.C.D.
3593	E-2	L.A. Co. Fl. Contr. Distr.	M. J. Adams; A. F. Kunkee	L.A. Co. F.C.D.
3596	F-3	L.A. Co. Fl. Contr. Distr.	Topanga Summit Ranger Station, C. R. Balmer	L.A. Co. F.C.D.
3602	E-3	Brent Rancho; L.A. Co. F.C.D.	J. B. Sledge; J. A. Varniswald	L.A. Co. F.C.D.
3618	G-3	R. L. Peeler	Owner	L.A. Co. F.C.D.
3673*	F-4	L.A. Co. Fl. Contr. Distr.	Adohr Dairy, L.F. Martin	L.A. Co. F.C.D.
3685	F-4	L.A. Dept. of Water & Power	John H. Cowan	L.A. Co. F.C.D.
3687	F-4	Calif. Botanical Gardens	M. I. Bryan	L.A. Co. F.C.D.
3706	F-5	L.A. Co. Fl. Contr. Distr.	W. H. Waldschmidt	L.A. Co. F.C.D.
3735	F-5	L.A. Co. Fl. Contr. Distr.	John D. Haig	L.A. Co. F.C.D.
3742	E-5	L.A. Dept. of Water & Power	Frank Carr	L.A. Co. F.C.D.
3749	G-5	L.A. Dept. of Water & Power	H. L. Murietta	L.A. Co. F.C.D.
3786	F-6	L.A. Co. Fl. Contr. Distr.	J.W. Mellard; R. H. Chaplin	L.A. Co. F.C.D.
3788	G-6	L.A. Dept. of Water & Power	W.H. Wood	L.A. Co. F.C.D.
3800	E-7	L.A. Co. Fl. Contr. Distr.	E. M. Hall	L.A. Co. F.C.D.
3810	E-7	L.A. Dept. of Water & Power	F.L. Hoffmeister	L.A. Co. F.C.D.
3834	F-7	George Blix	George Blix; Katie Blix	L.A. Co. F.C.D.
3848	G-7	L.A. Co. Fl. Contr. Distr.	L.A. Co. F.C.D. Hydrographers	L.A. Co. F.C.D.
3848A	G-7	L.A. Co. Fl. Contr. Distr.	L.A. Co. F.C.D. Hydrographers	L.A. Co. F.C.D.
3868	F-8	L.A. Dept. of Water & Power	C. J. Chewings	L.A. Co. F.C.D.
3870	E-8	L.A. Co. Fl. Contr. Distr.	Mr. Pedley	L.A. Co. F.C.D.
3879	G-8	L.A. Co. Fl. Contr. Distr.	L. A. City Engr. Dept., W. E. Brown	L.A. Co. F.C.D.
3891	E-8	L.A. Co. Fl. Contr. Distr.	Burbank Fire Station, F. S. Webster; F. Olchvary	L.A. Co. F.C.D.
3894	F-8	L.A. Co. Fl. Contr. Distr.	Headworks Pumping Plant, W. A. Herring	L.A. Co. F.C.D.
3897	F-8	L.A. Co. Fl. Contr. Distr.	Griffith Park, C.L. Kalix;	L.A. Co. F.C.D.
3906	F-8	L.A. Co. Fl. Contr. Distr.	Louis Strauss	L.A. Co. F.C.D.
3907	F-8	L.A. Co. Fl. Contr. Distr.	Griffith Park, C.L. Kalix;	L.A. Co. F.C.D.
			Louis Strauss	L.A. Co. F.C.D.
			Griffith Park, C. L. Kalix;	L.A. Co. F.C.D.
			Louis Strauss	L.A. Co. F.C.D.

\*Incorrectly shown on map as 3763.

PRECIPITATION STATION DATA - SOUTH COASTAL BASIN, Continued

<u>No.</u>	<u>Index</u>	<u>Owner of Gage</u>	<u>Observers</u>	<u>Sources of Information</u>
3917	G-9	L.A. Co. Fl. Contr. Distr.	Griffith Park Nursery, J. Kladler	L.A. Co. F.C.D.
3921	E-9	Brand Estate	F. W. Pomeroy	L.A. Co. F.C.D.
3921A	E-9	L.A. Co. Fl. Contr. Distr.	F. A. Hooker;	
3921B	E-9	L.A. Co. Fl. Contr. Distr.	L.A. Co. F.C.D. Hydrographers	L.A. Co. F.C.D.
3930	E-9	L.A. Co. Fl. Contr. Distr.	Airway Radio Sta., E. C. Butler,	
3930A	E-9	L.A. Co. Fl. Contr. Distr.	D. L. Perrine	L.A. Co. F.C.D.
3934	F-9	H.E. Bartlett; L.A. Co. F.C.D.	F. A. Hooker; L.A. Co.	
3939	G-9	L.A. Dept. of Water & Power	F.C.D. Hydrographers	L.A. Co. F.C.D.
3943	E-9	J. E. Jones	F. A. Hooker;	L.A. Co. F.C.D.
3970	E-10	L.A. Co. Fl. Contr. Distr.	L.A. Co. F.C.D. Hydrographers	L.A. Co. F.C.D.
3974	F-10	L.A. Co. Fl. Contr. Distr.	Mr. and Mrs. Bartlett	L.A. Co. F.C.D.
3992	E-10	L.A. Co. Fl. Contr. Distr.	Mr. McIntyre	L.A. Co. F.C.D.
			Owner	
3993	E-10	L.A. Co. Fl. Contr. Distr.	L.A. Co. F.C.D., F. H. Hay	L.A. Co. F.C.D.
4001	E-10	L.A. Co. Fl. Contr. Distr.	Oscar F. Bergman	L.A. Co. F.C.D.
4010	E-10	L.A. Co. Fl. Contr. Distr.	Chevy Chase Country Club,	L.A. Co. F.C.D.
4021	E-11	L.A. Co. Fl. Contr. Distr.	J. L. Crumpler	
4023	E-11	L.A. Co. Fl. Contr. Distr.	L.A. Co. F.C.D., F. H. Hay	L.A. Co. F.C.D.
4043	F-11	Div. of Water Resources;	Flintridge Fire Station,	L.A. Co. F.C.D.
4048	G-11	L.A. Co. Fl. Contr. Distr.	Capt. J. R. Bittle; Mr. Perkinson	L.A. Co. F.C.D.
4050	E-11	City of So. Pasadena	H. J. Durrand	L.A. Co. F.C.D.
4058	G-11	P.F. Johnson; Geo. S. Chiesa		
4061	E-11	Donald O'Melveny	A. A. Lester	D.W.R.; L.A. Co. F.C.D.
4065	F-11	Rubio Canyon Water Co.	Mr. Lynn	L.A. Co. F.C.D.
4071	E-12	U.S. Weather Bureau	L.A. Co. F.C.D. Hydrographers	L.A. Co. F.C.D.
4073	F-12	Altadena Fire Station	Frank H. Clough	L.A. Co. F.C.D.
4075	F-12	U.S. Weather Bureau	Owners	L.A. Co. F.C.D.
4076	F-12	U.S. Weather Bureau	Owner	D.W.R.; L.A. Co. F.C.D.
			J. H. Parsons	D.W.R.; L.A. Co. F.C.D.
			E.R. Sorver	D.W.R.; L.A. Co. F.C.D.
			Firemen	D.W.R.
			M.S. Jones	D.W.R.
			M.S. Jones	D.W.R.; L.A. Co. F.C.D.; U.S.W.B.
			Calif. Inst. of Tech.,	D.W.R.
			Mr. Lewis; Mr. Leeper;	D.W.R.; L.A. Co. F.C.D.; U.S.W.B.
			Mr. Lindsey	D.W.R.; U.S.W.B.
				L.A. Co. F.C.D.



PRECIPITATION STATION DATA - SOUTH COASTAL BASIN, Continued

<u>No.</u>	<u>Index</u>	<u>Owner of Gage</u>	<u>Observers</u>	<u>Sources of Information</u>
4079	G-12	L.A. Co. Fl. Contr. Distr.	D. Donaldson	L.A. Co. F.C.D.
4087	F-12	Huntington Estate	W. Hertrich	D.W.R.; L.A. Co. F.C.D.
4092	E-12	Walter Allen	Owner	L.A. Co. F.C.D.
4099	G-12	L.A. Co. Fl. Contr. Distr.	G. B. Gleason	L.A. Co. F.C.D.
4109	G-12	Richard Watts	Owner	D.W.R.; L.A. Co. F.C.D.
4110	F-12	L.A. Co. Forest Nursery	R.C. Bodine; G.H. Whitechurch	L.A. Co. F.C.D.
4111	E-12	L.A. Co. Fl. Contr. Distr.	Zinneloa Ranch, Frank Hannan	L.A. Co. F.C.D.
4135	F-13	Chapman Wells; L.A. Co. F.C.D.	W. E. Comerford	D.W.R.; L.A. Co. F.C.D.
4137	F-13	M.L. Forbrich; L.A. Co. F.C.D.	Mayme L. Forbrich	L.A. Co. F.C.D.
4140	E-13	L.A. Co. Fl. Contr. Distr.	Orchard Camp, Pat McHugh; Phil Hartman, et al.	L.A. Co. F.C.D.
4142	E-13	U.S. Weather Bureau	Col. H. B. Hersey	U.S. W.B.
4142A	E-13	U.S. Weather Bureau	Annette M. Carter	U.S.W.B.; D.W.R.; L.A. Co. F.C.D.
4152	E-13	L.A. Co. Fl. Contr. Distr.	H. A. Thew	L.A. Co. F.C.D.
4152A	E-13	U.S. Weather Bureau	Mr. Blummer	D.W.R.
4153	E-13	Mira Monte Pumping Plant	H. A. Thew; Al Freeland	L.A. Co. F.C.D.
4154	F-13	L.A. Co. Fl. Contr. Distr.	C. J. Pegler	L.A. Co. F.C.D.
4163	F-13	Sierra Madre Pump. Plant; L.A. Co. F.C.D.	Joseph P. Hogan	D.W.R.; L.A. Co. F.C.D.
4164	F-13	Arcadia Pumping Station	O. L. Tulga	L.A. Co. F.C.D.
4171	E-14	L.A. Co. Fl. Contr. Distr.	Clark's Half-Way House, J. E. Clark	L.A. Co. F.C.D.
4171A	E-14	L.A. Co. Fl. Contr. Distr.	Joseph Probst	L.A. Co. F.C.D.
4172	E-13	Little Gray Inn	Robert S. Gray	L.A. Co. F.C.D.
4176	F-13	E. E. Williams	Owner	D.W.R.
4180	E-14	U.S.W.B.; L.A. Co. F.C.D.	Big Santa Anita Ranger Sta., V. P. Vetter	D.W.R.; L.A. Co. F.C.D.; U.S. W.B.
4194A	F-14	C.J. O'Connor	Owner	D.W.R.; L.A. Co. F.C.D.; U.S. W.B.
4195	F-14	L.A. Co. Fl. Contr. Distr.	Monrovia C. of C., T. Stevens; C. M. Cummings	D.W.R.; L.A. Co. F.C.D.; U.S. W.B.
4195A	F-14	E. Bruner	Owner	L.A. Co. F.C.D.
4195B	F-14	A. O. Gierlich	Owner	D.W.R.; L.A. Co. F.C.D.
4197	F-14	W. H. Martin	Owner	L.A. Co. F.C.D.
4203	E-14	U.S. Weather Bureau	Peter Perkle	D.W.R.; L.A. Co. F.C.D. D.W.R.; U.S. W.B.

PRECIPITATION STATION DATA - SOUTH COASTAL BASIN, Continued

<u>No.</u>	<u>Index</u>	<u>Owner of Gage</u>	<u>Observers</u>	<u>Sources of Information</u>
4211	E-14	L.A. Co. Fl. Contr. Distr.	M. L. Packer	L.A. Co. F.C.D.
4212	E-14	L.A. Co. Fl. Contr. Distr.	M. L. Packer	L.A. Co. F.C.D.
4230	E-15	L.A. Co. Fl. Contr. Distr.	Ben Overturf	L.A. Co. F.C.D.
4231	E-15	L.A. Co. Fl. Contr. Distr.	M. L. Packer	L.A. Co. F.C.D.
4235	F-15	Duarte Packing Plant	R. T. Chew	D.W.R.; L. A. Co. F.C.D.
4248	G-15	L.A. Co. Fl. Contr. Distr.	W. D. Starr	L.A. Co. F.C.D.
4273	E-15	U.S. Weather Bureau	August Bohm	L.A. Co. F.C.D.
4285	M-16	Glendora Cons.Mut. Irr. Co.	Azusa Plant Operator	L.A. Co. F.C.D.
4293	E-16	L.A. Co. Fl. Contr. Distr.	Rodger Dalton	L.A. Co. F.C.D.
4294	F-16	So. California Edison Co.	Power House Operators	L.A. Co. F.C.D.
4296	F-16	John Hibsch	Owner	S.C.E. Co.; U.S. W.B.
4296A	F-16	L.A. Co. Fl. Contr. Distr.	Azusa C. of C., S.E. Skidmore	L.A. Co. F.C.D.
4299	G-16	Mr. Eberts	Owner	L.A. Co. F.C.D.
4306	F-16	Azusa Foothill Ranch;		U.S.D.A.
		L.A. Co. F.C.D.	Chas. Stewart	
4309	G-16	U.S. Weather Bureau	A.P. Griffith; E.B. Griffith	D.W.R.; L.A. Co. F.C.D.
4327	F-16	U.S. Dept. of Agriculture	U.S.D.A.	D.W.R.; L.A. Co. F.C.D.
4330	E-17	L.A. Co. Fl. Contr. Distr.	Geo. Moran	U.S.D.A.
4336	F-17	Glendora Cons. Mut. Irr. Co.	H. C. Warren; Bert Warren	L.A. Co. F.C.D.
4345	F-17	Glendora Cons. Mut. Irr. Co.	Plant #6 operator	L.A. Co. F.C.D.
4346	F-17	U.S. W.B.; L.A. Co. F.C.D.	L. M. West; J. J. West	L.A. Co. F.C.D.
4354	F-17	J. P. Englehart; L.A.Co. F.C.D.	J. P. Englehart;	U.S.W.B.; D.W.R.; L.A. Co. F.C.D.
			Mrs. J.P. Englehart	
4361	E-17	L.A. Co. Fl. Contr. Distr.	Honor Camp 4; Geo. W. McKelvey	D.W.R.; L.A. Co. F.C.D.
4383	E-18	L.A. Co. Fl. Contr. Distr.	H. and P. M. Van der Goot	L.A. Co. F.C.D.
4386	F-17	C. C. Warren	C. C. Warren	L.A. Co. F.C.D.
4389	G-17	San Dimas Orange Assn.		D.W.R.; L.A. Co. F.C.D.
4398	G-18	J. R. Harris	Owner	D.W.R.; U.S.D.A.
4399	G-18	L.A. Co. Fl. Contr. Distr.	San Dimas Fire Station,	D.W.R.; L.A. Co. F.C.D.
			Sam L. Trout	
4399A	G-18	W. E. Mount	Owner	L.A. Co. F.C.D.
4401	E-18	L.A. Co. Fl. Contr. Distr.	Big Dalton Ranger Sta.,	D.W.R.; L.A. Co. F.C.D.
			A. M. Trout	
4407	F-18	L.A. Co. Fl. Contr. Distr.	A.L. Stevens	L.A. Co. F.C.D.



## PRECIPITATION ON STATION DATA - SOUTH COASTAL BASIN, Continued

No.	Index	Owner of Gage	Observers	Sources of Information
4407A	G-18	H. E. Howard	Owner	D.W.R.; L.A. Co. F.C.D.
4407B	F-18	Glendora Cons. Mut. Irr. Co.	San Dimas Plant Operator	L.A. Co. F.C.D.
4408	G-18	L.A. Co. Fl. Contr. Distr.	Geo. Ferguson	L.A. Co. F.C.D.
4409	G-18	W. E. Mount	Owner	D.W.R.
4424	F-18	L.A. Co. Fl. Contr. Distr.	G. W. Rodgers	D.W.R.; L.A. Co. F.C.D.
4439	G-18	U.S. Weather Bureau	LaVerne Leader, Ulrich Knoch	U.S.W.B.; D.W.R.; L.A. Co. F.C.D.
4444	F-19	L.A. Co. Fl. Contr. Distr.	R. S. Brydon	L.A. Co. F.C.D.
4448	G-19	Frank S. Sheldon	Frank S. Sheldon	D.W.R.
4452	E-19	L.A. Co. Fl. Contr. Distr.	Albert Colautti	L.A. Co. F.C.D.
4457	F-19	U.S. Weather Bureau	W.S. Carson; Chas. Elder	D.W.R.; L.A. Co. F.C.D.
4487	F-19	L.A. Co. Fl. Contr. Distr.	W. White	D.W.R.
4487A	G-19	Adolph Bernard	Owner	D.W.R.; L.A. Co. F.C.D.
4505	F-20	Kenneth B. Forbes	Owner	L.A. Co. F.C.D.; U.S.D.A.
4522	E-20	So. Calif. Edison Co.	Mr. Dark	Owner; U.S.W.B.
4545	F-21	A. R. Harwood; J. R. Johnston	Owners	U.S.D.A.; J. R. Johnston
4566	F-21	Liberty Groves	Owners	U.S.D.A.
4583	F-21	Lewis & King	Owners	U.S.D.A.
4587	F-21	Ontario Power Co.	Sub-station operator	San Antonio Water Co.
4595	F-22	(Now So. Calif. Edison Co.)	Owner	U.S.D.A.; Owner
4595A	F-22	Mr. Parsons	Owner	U.S.D.A.; Owner
4658	D-2	Miss Reid	Johnson-Woodruff Ranch,	L.A. Co. F.C.D.
4680	B-2	L.A. Co. Fl. Contr. Distr.	O. A. Gansert	L.A. Co. F.C.D.
4687	D-2	L.A. Co. Fl. Contr. Distr.	Twin Lakes Park, G.W. Haight;	L.A. Co. F.C.D.
4694	C-2	L.A. Dept. of Water & Power	J. T. Guthrie	L.A. Co. F.C.D.
4726	D-3	L.A. Co. Fl. Contr. Distr.	R. R. Melrose	L.A. Co. F.C.D.
4747	D-4	L.A. Co. Fl. Contr. Distr.	Ernest L. Johnson	L.A. Co. F.C.D.
4782	C-4	Jack Andrews	C. C. Kovall	L.A. Co. F.C.D.
4799	E-5	L.A. Co. Fl. Contr. Distr.	Owner	L.A. Co. F.C.D.
4811	C-5	Mr. Showalter	Sunshine Ranch, W. L. Green	L.A. Co. F.C.D.
4832	C-5	L.A. Dept. of Water & Power	Owner	L.A. Co. F.C.D.
		L.A. Co. Fl. Contr. Distr.	Mike F. Ortiz	L.A. Co. F.C.D.
			San Fernando Lemon Growers	L.A. Co. F.C.D.
			Assn., Bert Hanneman	L.A. Co. F.C.D.

PRECIPITATION STATION DATA - SOUTH COASTAL BASIN, Continued

<u>No.</u>	<u>Index</u>	<u>Owner of Gage</u>	<u>Observers</u>	<u>Sources of Information</u>
4837	D-5	L.A. Dept. of Water & Power	Robert Larsen	L.A. Co. F.C.D.
4850	C-6	U.S. Weather Bureau		U.S.W.B.
4861	C-6	U.S. Weather Bureau	So. Pac. Depot Agent	U.S.W.B.
4864	C-6	L.A. Co. Fl. Contr. Distr.	W.D. Miller	L.A. Co. F.C.D.
4894	C-6	L.A. Co. Fl. Contr. Distr.	San Fernando Ranger Station, V. Taylor	L.A. Co. F.C.D.
4921	C-7	U.S. Weather Bureau	R.B. Hersey	U.S.W.B.
4922	C-7	Cowane Ranch	Mr. Hermann	L.A. Co. F.C.D.
4934	C-7	Chapell's Ranch	Samuel Chappell	L.A. Co. F.C.D.
4946	D-7	L.A. Co. Fl. Contr. Distr.	E.S. Merrill	L.A. Co. F.C.D.
5015	D-9	H. B. Lynch	Owner	L.A. Co. F.C.D.
5019	E-9	L.A. Co. Fl. Contr. Distr.	W. B. Hatcher	L.A. Co. F.C.D.
5060	C-10	L.A. Co. Fl. Contr. Distr.	Joseph Lynn	L.A. Co. F.C.D.
5065	D-10	H. S. Bissell	Owner	L.A. Co. F.C.D.
5067	D-9	L.A. Co. Fl. Contr. Distr.	Geo. R. Taylor; H.A. Scheumer	L.A. Co. F.C.D.; U.S.W.B.
5087	D-10	Mildred E. Ecklerle;		L.A. Co. F.C.D.
5097	D-10	L.A. Co. Fl. Contr. Distr.	Mildred E. Ecklerle	L.A. Co. F.C.D.
5101	C-10	T. M. Hail	Owner	D.W.R.; L.A. Co. F.C.D.
		L.A. Co. Fl. Contr. Distr.	A. Schiller; Mr. Begue;	
			Sam Brown	
5109	E-10	E. A. Brigham	Owner	L.A. Co. F.C.D.
5115	D-11	L.A. Co. Fl. Contr. Distr.	J.R. Phillips	D.W.R.; L.A. Co. F.C.D.
5127	D-11	U.S. Weather Bureau	U.S. Forest Rangers	L.A. Co. F.C.D.
5132	C-11	L.A. Co. Fl. Contr. Distr.	L.A. Co. Reforestation Station, Harvey Lancaster	D.W.R.; U.S.W.B.
5139	E-11	Pasadena Water Dept.	Arroyo Seco Chlorine	L.A. Co. F.C.D.
			Plant Operator	
5144	C-11	L.A. Co. Fl. Contr. Distr.	Switzer's Camp, Lloyd B. Austin	L.A. Co. F.C.D.
5178	D-12	U.S. Weather Bureau	J. B. McNeil	U.S.W.B.; D.W.R.
5204	C-12	U.S. Weather Bureau	John Opid	L.A. Co. F.C.D.; U.S.W.B.
5208	D-12		Wm. Hostettler	L.A. Co. F.C.D.
5224	C-13	L.A. Co. Fl. Contr. Distr.	Valley Forge Lodge, Cherie DeVore	
5247	D-13	U.S. Weather Bureau	L. H. Humason	L.A. Co. F.C.D. U.S.W.B.

## PRECIPITATION STATION DATA - SOUTH COASTAL BASIN, Continued

No.	Index	Owner of Gage	Observers	Sources of Information	
5248	D-13	L.A. Co. Fl. Contr. Distr.	Hoegge's Camp #3, Wm. Murphy	L.A. Co.	F.C.D.
5258	D-13	L.A. Co. Fl. Contr. Distr.	Hoegge's Camp #4, Wm. Murphy	L.A. Co.	F.C.D.
5259	D-13	L.A. Co. Fl. Contr. Distr.	Hoegge's Camp #2, Wm. Murphy	L.A. Co.	F.C.D.
5267	D-13	L.A. Co. Fl. Contr. Distr.	Sturtevant's Camp, V. P. Hoopes	L.A. Co.	F.C.D.
5269	D-13	L.A. Co. Fl. Contr. Distr.	Hoegge's Camp, #1, Will Murphy	L.A. Co.	F.C.D.
5289	D-14	L.A. Co. Fl. Contr. Distr.	Robert's Camp, O. L. Roberts	L.A. Co.	F.C.D.
5385	D-16	L.A. Co. Fl. Contr. Distr.	G. Patterson	L.A. Co.	F.C.D.
5413	C-16	L.A. Co. Fl. Contr. Distr.	G. Patterson	L.A. Co.	F.C.D.
5435	D-17	L.A. Co. Fl. Contr. Distr.	San Gabriel Fish Hatchery, H. R. Van Pelt	L.A. Co.	F.C.D.
5448	D-17	So. Calif. Edison Co.;	G. Patterson	D.W.R.;	L.A. Co. F.C.D.;
5457	D-17	L.A. Co. F.C.D.	San Gabriel Forks Ranger Sta., Albert E. Marshall	L.A. Co.	F.C.D.
5460	B-17	L.A. Co. Fl. Contr. Distr.	Coldbrook Camp, Mrs. R. F. McDonald	L.A. Co.	F.C.D.
5549	D-19	L.A. Co. Fl. Contr. Distr.	L.A. Co. Reforestation Sta., C. J. Space; S. W. Pratt	L.A. Co.	F.C.D.
5550	B-19	L.A. Co. Fl. Contr. Distr.	Bernard Oales	L.A. Co.	F.C.D.
5556	D-19	L.A. Co. Fl. Contr. Distr.	Heaton's Camp, Ben Heaton	L.A. Co.	F.C.D.
5628	D-20	U.S. Weather Bureau	Power Plant Operators	U.S.W.B.	
5637	D-20	So. Calif. Edison Co.	Power Plant Operators	U.S.W.B.	
5646	D-21	U.S.W.B.;	Camp Baldy, A.Z. Meinert; M.J. Adams	D.W.R.;	U.S.W.B.
5673	C-21	Snow Crest Camp	A. R. Collins	L.A. Co.	F.C.D.
5696	D-22	Kelly's Camp	H.L. Judges	L.A. Co.	F.C.D.
5837	B-3	L.A. Co. Fl. Contr. Distr.	Orcutt Ranch, S. P. Jones	L.A. Co.	F.C.D.
5861	A-4	L.A. Co. Fl. Contr. Distr.	L.A. Co. Forestry Dept. Rangers	L.A. Co.	F.C.D.
5872	A-4	U. S. Weather Bureau	S.P. Depot, P. J. Cole	L.A. Co.	F.C.D.
5922	A-5	Marsus Ranch	Frank Rudely; R. M. Higdon	U.S.W.B.;	L.A. Co. F.C.D.
5928	B-5	Sylmar Packing Corp.	W. G. Hyatt	L.A. Co.	F.C.D.
5937	B-5	Rancho Sombreno	H. R. Bedient	L.A. Co.	F.C.D.
5988	B-6	Craig Ranch	Volney H. Craig	L.A. Co.	F.C.D.
5999	B-6	Davis Ranch	Owner	L.A. Co.	F.C.D.
6005	B-7	L.A. Co. Fl. Contr. Distr.	R. E. Waddicor	L.A. Co.	F.C.D.



# PRECIPITATION STATION DATA - SOUTH COASTAL BASIN, Continued

No.	Index	Owner of Gage	Observers	Sources of Information
6028	B-7	L.A. Co. Fl. Contr. Distr.	E. H. Kieth	L.A. Co. F.C.D.
6045	A-7	Dillon's Ranch	John Quillen	L.A. Co. F.C.D.
6067	B-8	L.A. Co. Fl. Contr. Distr.	F.M. McBridge	L.A. Co. F.C.D.
6249	B-11	L.A. Co. Fl. Contr. Distr.	So. Cal. Edison Co. Camp, J. H. Harrison	
6289	B-12	Colby Ranch; L.A. Co. F.C.D.	Joe Argay	L.A. Co. F.C.D.
6289A	B-12	Colby Ranch; L.A. Co. F.C.D.	Joe Argay	L.A. Co. F.C.D.
6355	A-13	Loomis Ranch	L. G. Loomis	L.A. Co. F.C.D.
6558	B-17	Crystal Lake County Park	O. P. Doan	L.A. Co. F.C.D.
6558A	B-17	Crystal Lake County Park	O. P. Doan	L.A. Co. F.C.D.
6569	B-17	L.A. Co. Fl. Contr. Distr.	Frank M. Headlee	L.A. Co. F.C.D.
6670	A-19	Big Pines County Park	Ralph Price #1	L.A. Co. F.C.D.
6681	A-19	Big Pines County Park	Ralph Price #2	L.A. Co. F.C.D.
6702	A-20	L.A. Co. Fl. Contr. Distr.	Roy Tuttle; Mr. McDonald	L.A. Co. F.C.D.
6702A	A-20	Big Pines County Park #1	L. McDonald	L.A. Co. F.C.D.
6705	A-20	L.A. Co. Fl. Contr. Distr.	L.A. Co. Division Camp, Gus Wissendorff	
6711	A-20	U.S. Weather Bureau; L.A. Co. F.C.D.	Table Mt., A. F. Moore	L.A. Co. F.C.D.
6712	A-20	Big Pines County Park #2	L. McDonald	L.A. Co. F.C.D.
7017	A-3	So. Calif. Edison Co.	I. N. Hall; Mr. Roberts	L.A. Co. F.C.D.
13193	Q-14	City of Huntington Beach	Frank Parcel	O. Co. F.C.D.; Owner
13201	F-14	Holly Sugar Corporation	H. Tannenbaum	D.W.R.; Owner
13266	Q-15	Division of Water Resources	J. W. Purteman	Observer
13301	Q-16	Division of Water Resources	J. Schiffer	O. Co. F.C.D.
13309	R-16	U.S. Weather Bureau	Balboa Fire Dept., C.L. Plummer	U.S.W.B.
13323	Q-16	Irvine Ranch Co.	Hog Ranch Foreman	Owner
13329	R-16	Irvine Ranch Co.	Coast Ranch Foreman	Owner
13363	Q-17	Irvine Ranch Co.	Old Cattle Rch. Foreman	D.W.R., Owner
13402	Q-18	Irvine Ranch Co.	Harkelroad Rch. Foreman	Owner
13406	R-18	Irvine Ranch Co.	Shady Camp Foreman	Owner
13432	Q-19	Irvine Ranch Co.	Irvine Warehouse Clerk	D.W.R.; Owner
13480	P-19	Irvine Ranch Co.	Lambert Ranch Foreman	Owner
13484	Q-19	Irvine Ranch Co.	Johnson Ranch Foreman	Owner
13499	R-20	L. F. Moulton	Owner	D.W.R.; Owner

## PRECIPITATION STATION DATA - SOUTH COASTAL BASIN, Continued

No.	Index	Owner of Gage	Observers	Sources of Information
13581	Q-21	Orange Co. Fl. Contr. Distr.	George Harris	O. Co. F.C.D.
13615	Q-22	Orange Co. Fl. Contr. Distr.	Trabuco Oaks, D. H. Moulds	O. Co. F.C.D.
13633	Q-22	Louis Robinson	Owner	O. Co. F.C.D.; Owner
13642	Q-23	Orange Co. Fl. Contr. Distr.	J. W. Dawson; W. H. Gilliam	O. Co. F.C.D.; Owner
13645	R-22	Orange Co. Fl. Contr. Distr.	Hare & Star Ranch Foreman	O. Co. F.C.D.
13802	Q-26	Edwin M. Sherman	Ranch Caretaker	Owner
13864	Q-27	U. S. Weather Bureau	Tenesca Water Co., Mr. Johnson	U.D.D.A; U.S.W.B.; Owner
14173	R-17	Irvine Ranch Co.	Morro Ranch Foreman	Owner
14322	R-20	Greening Ranch	Owner	Carl Hankey
14344	R-20	Carl Hankey	Owner	Owner
14373	R-21	San Juan Capistrano Mission	E. L. Howell	O. Co. F.C.D.
14408	P-14	W. F. Slater	Owner	O. Co. F.C.D.; Owner
14439	P-15	Bob Harper	Owner	O. Co. F.C.D.; Owner
14451	N-15	Allen Bros. Ranch	J. G. Allen	D.W.R.; Owner; O. Co. F.C.D.
14452	O-15	Garden Grove Lumber Co.	H. A. Lake	D.W.R.; Owner; O. Co. F.C.D.
14465	O-15	U. S. Dept. of Agriculture	Dean Muckle	U.S.D.A.; O. Co. F.C.D.
14535	O-17	Hill and Sons	Mr. Hill; Mr. Bell	D.W.R.; Owner
14541	N-17	Samuel Armour	Owner	D.W.R.; Owner
14549	P-17	Holly Sugar Corporation	R. M. Daniels	D.W.R.; O. Co. F.C.D.; Owner
14552	O-17	U. S. Weather Bureau	E. E. Campbell	U.S.W.B.
14568	P-17	Irvine Ranch Co.	Aliso Ranch Foreman	Owner
14575	O-17	Whitson Lumber Company	Mr. Prevost	O. Co. F.C.D.; Owner
14582	N-18	Hewes Ranch Company	Office Clerk	D.W.R.; Owner
14585	O-17	Ross A. Shaffer	Owner	O. Co. F.C.D.; Owner
14585A	O-18	Central Lemon Assn.	Office Clerk	D.W.R.
14586	O-17	Tustin Union High School	C. C. Bowman	Owner
14617	P-18	U. S. Weather Bureau	Irvine Rch. Co., Home Rch. Foreman	U.S.W.B.
14632	N-18	Irvine Ranch Co.	Jacobs Ranch Foreman	Owner
14640	N-19	Orange County Park	Caretaker	O. Co. F.C.D.; Owner
14649	P-19	San Joaquin Fruit Co.	Office Clerk	D.W.R.; Owner
14673	O-19	Irvine Ranch Company	Limestone Rch. Foreman	Owner
14735	O-20	Mr. Redman	Owner	O. Co. F.C.D.; Owner
14757	P-21	Pleasant's Ranch	Mr. Pleasant	O. Co. F.C.D.; Owner



PRECIPITATION STATION DATA - SOUTH COASTAL BASIN, Continued

<u>No.</u>	<u>Index</u>	<u>Owner of Gage</u>	<u>Observers</u>	<u>Sources of Information</u>
14765	O-21	Holtz Ranch	Joseph Holtz, Jr.	O. Co. F.C.D.; Owner
14835	O-22	Orange Co. Fl. Contr. Distr.	E. J. Pember	O. Co. F.C.D.
14902	N-24	Temescal Water Co.	Mr. Hansen	U.S.D.A.; Owner
15235	O-30	Temescal Water Co.	M. J. Silvia	Owner
15420	N-34	U. S. Weather Bureau	Mr. Tanner	U.S.W.B.
15602	I-16	Charles S. Knowlton	Owner	D.W.R.; Owner
15612	I-16	J. P. des Granges	Owner	L.A. Co. F.C.D.
15614	I-15	Araheim Union Water Co.	G. E. Holditch	Owner
15623	I-16	Placentia Mut. Orange Assn.	Mr. Solesbee; Mr. Easton	Owner
15656	M-17	Olive First Nat'l. Bank	E. F. Borchard	D.W.R.; Owner
15678	M-17	Villa Park Orchards Assn.	Office Personnel	Owner
15679	N-17	J. F. Allen	Owner	D.W.R.; Owner; O. Co. F.C.D.
15681	I-18	U. S. Weather Bureau	Yorba Linda Citrus Assn., P. J. Ton	U.S.W.B.
15733	I-18	Division of Water Resources	Albert Yorba	O. Co. F.C.D.; Owner
15841	I-20	U. S. Dept. of Agriculture	Wyman Turner	Observer
15860	I-21	U. S. Dept. of Agriculture	Dean Muckle	Owner
15903	I-22	Corona Foothill Lemon Co. #3	Lower Rch. Foreman	Owner
15925	M-22	Corona Foothill Lemon Co. #1	Laboratory Personnel	Owner
15926	M-22	Corona Foothill Lemon Co. #2		Owner
15932	I-22	Temescal Water Company	Mr. Case	U.S.D.A.; Owner
15933	I-22	U. S. Weather Bureau	Ed. Davis	U.S.W.B.
15944	M-23	Jemison Company	Mr. Blackman	Owner
15945	M-22	Thomas Sias	Owner	Owner
15955	M-23	American Fruit Growers Assn.	Supt. of Company	Owner
15965	M-23	Corona Foothill Lemon Co. #4	Call Estate Foreman	Owner
16041	I-24	American Beet Sugar Co.		Owner
16050	I-25	San Jacinto Land Company	Mr. Weeden	Owner
16147	M-26	H. J. Smith	Owner	Owner
16240	I-28	U. S. Army Air Corps, March Field	Signal Service	Owner
16710	I-20	So. California Edison Co.	Sub-station operators	Owner
16720	I-20	American Beet Sugar Co.	East Camp Foreman	Owner
16750	I-21	U. S. Dept. of Agriculture	Earl Thomas	Owner; Observer

## PRECIPITATION STATION DATA - SOUTH COASTAL BASIN, Continued

No.	Index	Owner of Gage	Observers	Sources of Information
16801	J-22	U. S. Dept. of Agriculture	John Imbach	Owner; Observer
16845	K-22	Orange Heights Water Co.	Capt. Cully	Owner
17023	J-26	U. S. Weather Bureau	Mrs. L. B. Perry	U.S.W.B.
17032	J-26	Riverside Press	Mr. Clark	Owner; U.S.W.B.
17062	J-27	Riverside Citrus Exper. Sta.		Owner
17417	K-34	U. S. Weather Bureau	Beaumont Irr. Distr., Office Personnel	Owner
17421	J-34	U. S. Weather Bureau	Beaumont Irr. Distr., Field Men	Owner
17608	I-20	American Beet Sugar Co.	Jack Crane; C. H. Bickmore; W. A. Cliburn	Owner
17610	G-20	R. V. Ward	Owner	Owner
17613	H-20	West Ontario Citrus Assn.	William Hartley	U.S.D.A.; Owner
17617	I-20	City of Chino	C. C. Delphay	Observer
17617A	I-20	Big W. Ranch	J. G. Pate	U.S.D.A.
17630	G-20	Mr. Jordan	Owner	Owner
17640	G-21	Ontario Power Co. (New So. Cal. Ed. Co.)	Sub-station operators Mr. Weldon	San Antonio Water Company Owner
17642	G-21	Craffey Union High School	Owner	San Antonio Water Company
17642A	G-21	A. T. Hamilton		Owner
17644	H-21	U. S. Dept. of Agriculture	C. A. Taylor	Owner
17653	H-21	Southern Pacific Railroad	E. J. Ritter	Owner
17674	H-21	Braundale Acres	Mr. Braundale	U.S.D.A.; Owner
17703	H-22	Guasti Wine Company	Office Clerk	U.S.D.A.; Owner
17705	H-22	U. S. Dept. of Agriculture	A. Walline	U.S.D.A.; Owner
17777	I-23	Chas. Stern & Co.	Mr. Kennedy	Owner; Observer
17818	I-24	U. S. Dept. of Agriculture	Joseph B. Freydoz	Owner
17860	G-25	Fontana Farnas Company	Mr. Hasbrouck	U.S.D.A.; Observer
17893	H-26	J. H. Strait & Co.; Bloomington Orange & Lemon Association	Mr. Loehr; Mr. Gross; Mr. Emerson	Owner
17973	H-27	Southern Pacific Railroad	E. T. McNeil	U.S.D.A.; Owner
17973A	H-27	Colton Police Department	Desk Sargeant	Owner
17984	H-27	So. Calif. Edison Co.	Sub-station operators	Owner
18082	H-29	Crown Jewel Groves	Office Manager	Owner
18114	H-30	U. S. Weather Bureau	Daily Facts Employees	U.S.W.B.

PRECIPITATION STATION DATA - SOUTH COASTAL BASIN. Continued

<u>No.</u>	<u>Index</u>	<u>Owner of Gage</u>	<u>Observers</u>	<u>Sources of Information</u>
18125	H-30	D. S. C. Anderson	Owner	Owner
18163	H-31	Crafton Orange Growers Assn.	Mr. Higginbotham	Owner
18194	H-31	F. B. King	Owner	Owner
18260	G-32	So. Calif. Edison Co.	Power Plant Operators	Owner; U.S.W.B.
18351	G-34	So. Calif. Edison Co.	D. L. Perkins	Owner
18506	F-22	L. A. Smith	Owner	U.S.D.A.
18507	F-22	Alta Loma Heights Citrus Assn.	Office Personnel	Owners; U.S.D.A.
18514	F-22	U. S. Dept. of Agriculture	Victor Cherbak	U.S.D.A.; Observer
18529	G-22	H. H. Thomas	Owner	Owner
18529A	G-22	Mission Winery	Mr. Liane	Owner
18586	F-23	Capt. J. H. Scott; Walter F. Barnes	Owners	W. F. Barnes
18655	F-25	C. C. Moore	Mr. Downing	Owner
18679	G-25	U. S. Weather Bureau	J. R. Lundemo; A. B. Miller	U.S.D.A.; U.S.W.B.
18704	F-26	So. Calif. Edison Co.	Power House Operators	D.W.R.; Owner; U.S.D.A.
18733	F-26	Muscoy Ranch		Owner
18739	G-26	J. C. Boyd	Owner	Owner
18761	E-27	U. S. Dept. of Agriculture	C. A. Taylor and Associates	Owner
18766	F-27	Muscoy Ranch	Mr. Coughlin	Owner
18782	E-27	San Bernardino Water Dept.	Mr. Hankins	Owner
18809	G-28	U. S. Weather Bureau	Dr. A. K. Johnston;	
			Mrs. Woodin	U.S.W.B.
18831	E-28	U.S.W.B.; State of California	Tony Martin	U.S.W.B.; Observer
18843	F-28	H. L. McLain	Owner	Owner
18886	F-29	C. L. Frazer; Mrs. E. E. Corwyn	Owners	Mrs. E. E. Corwyn
18906	F-29	Thos. A. Ewing	Owner	Owner
18928	G-30	Gold Buckle Association	Mr. George	Owner
18937	G-30	East Highlands Orange Company	Mr. Perry	Owner
18999	G-31	So. Calif. Edison Co.	Power Plant Operators	Owner
19045	F-32	So. Calif. Edison Co.	Power Plant Operators	U.S.W.B.
19089	G-33	U. S. Weather Bureau	U. S. Forest Rangers	Observers
19122	E-34	Bear Valley Water Company	Bear Valley Dam Tender	Bear Valley Water Company
19161	E-35	U. S. Weather Bureau	Seven Oaks Lodge Mgr.	U.S.W.B.
19404	D-24	U. S. Weather Bureau	Glen Ranch Mgr.	U.S.W.B.
19406	D-24	So. Calif. Edison Co.	Headgate Tender	Owner



No.	Index	Owner of Gage	Observers	Sources of Information
19416	D-24	U. S. Weather Bureau	C. A. Grant	Observer
19424	C-24	Muscoy Ranch		Owner
19442	C-25	U. S. Weather Bureau	U. S. Forest Rangers	U.S.D.A.; U.S.W.B.
19444	D-25	Muscoy Ranch		Owner
19449	E-25	Fontana Union Water Company	Intake Tender	Owner
19459	E-25	So. California Edison Co.	Power Plant Operators	U.S.W.B.
19465	D-25	Muscoy Ranch		Owner
19496	D-25	U. S. Weather Bureau	R. K. Peters	U.S.D.A.; U.S.W.B.
19508	D-26	Muscoy Ranch		Owner
19529	E-26	Muscoy Ranch		Owner
19546	D-26	Muscoy Ranch		Owner
19569	E-27	San Bernardino Water Dept.	Devils' Gate Caretakers	Owner; U.S.D.A.
19578	D-27	U. S. Forest Service Exper. Sta.	Mr. Weaver	Owner
19586	D-27	U. S. Forest Service Exper. Sta.	Mr. Weaver	Owner
19656	D-28	U. S. Weather Bureau	Squirrel Inn Mgr.	U.S.W.B.
19723	C-30	Lake Arrowhead Co.	C. L. Boss; A. L. Braden; Morris Ellinger	
19799	E-31	Division of Water Resources	J. R. Brown	Owner
19915	D-34	Bear Valley Water Company	Big Bear Dam Tender	Observer
19945	D-34	W. L. Rideout	Owner	Owner
19985	D-35	Division of Water Resources	Jack Preston	Observer
24412	R-24	Orange Co. Fl. Contr. Distr.	San Juan Hot Springs, Leon Eyraud	O. Co. F.C.D.

Abbreviations used in "Sources of Information" column:

L.A. Co. F.C.D. .... Los Angeles County Flood Control District  
 O. Co. F.C.D. .... Orange County Flood Control District  
 U.S.D.A. .... United States Department of Agriculture  
 U.S.W.B. .... United States Weather Bureau  
 D.W.R. .... Division of Water Resources (Old Records)

## RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

	185	210	212	-Station Number-		308	327	331	401
			230	245					
70-71									
71-72									
72-73									
73-74									
74-75									
75-78									
76-77									
77-78									
78-79									
79-80									
80-81									
81-82									
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99-00									
00-01									
01-02									
02-03									
03-04									
04-05									
05-06									
06-07									
07-08									
08-09									
09-10									
10-11									
11-12									
12-13									
13-14			15.68						
14-15			17.12*						
15-16			20.58						
16-17			16.60						
17-18			11.42				8.08		
18-19			9.64*				6.86		
19-20			10.81*				8.57		
20-21			16.98				12.84		
21-22			19.85*				16.60*		
22-23			11.70*			11.10	-		
23-24			9.96*			7.14	-		
24-25			9.81*			5.98	-		5.62*
25-26			14.74			9.66	-		8.56
26-27	11.01	11.40	18.52	10.79		11.34	-		12.24
27-28	10.90*	11.48	17.41*	11.72		12.96	-		13.36
28-29	8.19	9.67	13.51*	8.08		9.44	-	10.96*	9.14
29-30	9.87	11.23	11.22*	10.36	9.74*	11.21	-	12.66	10.68
30-31	9.53	12.17	11.77	11.84	-	-	8.84	8.67	7.52*
31-32	12.72	14.00	15.31	14.18	-	-	12.45	15.52	-

\* Partially estimated by comparison with nearby stations.



RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

	-Station Number-								
	403	413	485	578	587	596	598	715	754
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
80-81									
81-82									
82-83									
83-84									
84-85									
85-86									
86-87									
87-88									
88-89									
89-90									
90-91									
91-92									
92-93									
93-94									
94-95	15.77*								
95-96	9.74*								
96-97	19.26*								
97-98	6.78*								
98-99	8.31								
99-00	9.63								
00-01	13.30*								
01-02	9.47								
02-03	20.79								
03-04	7.55*								
04-05	15.46								
05-06	23.12								
06-07	14.59					14.31			
07-08	10.05					8.90			
08-09	18.13					13.58			
09-10	10.44					13.13*			
10-11	13.19					10.88			
11-12	6.64					8.15*			
12-13	8.14					8.49*			
13-14	17.27					14.69			
14-15	19.64					17.89			
15-16	19.02*					-			
16-17	13.40					11.09*			
17-18	9.02					8.14*			
18-19	7.04					9.93*		6.57*	
19-20	10.84					13.11		8.62	
20-21	13.17					10.58*		10.65	
21-22	15.04	16.31				15.96		12.90	
22-23	9.73	10.72				7.59	6.27	8.58	
23-24	7.13	8.60				7.52	8.72*	5.67	
24-25	6.30	5.83				5.67*	4.93*	5.13	
25-26	10.95	9.21							
26-27	12.78	10.10			9.20	10.47	9.16	8.44	
27-28	13.86	7.98			13.05	14.16	12.43	11.47	
28-29	10.51	6.38	7.33		12.37	13.52	11.45*	11.51	
29-30	11.99*	11.71	13.80	10.94*	8.64*	10.53	7.91*	7.43	
30-31	8.70	8.75	9.38	11.07*	9.53	8.56	10.28	9.68	8.69
31-32	16.06	16.66	13.30	13.16*	9.76	10.01	9.22*	9.74	9.21
					12.56	12.48	12.70*	11.83	14.97

\* Partially estimated by comparison with nearby stations.

RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

-Station Number-									
794	864	972	985	1014	1029	1030	1081	1099	
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
80-81									
81-82									
82-83									
83-84									
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90-91									
91-92									
92-93									
93-94									
94-95									
95-96									
96-97									
97-98									
98-99									
99-00									
00-01									
01-02									
02-03									
03-04									
04-05									
05-06									
06-07									
07-08									
08-09									
09-10									
10-11					12.73*				
11-12					7.98*				
12-13					8.28				
13-14					14.18				
14-15					14.86				
15-16			17.95		15.33				
16-17			11.46		11.06				
17-18			9.40	9.16*	8.56				
18-19			8.31	7.78*	7.83				
19-20			-	10.89*	9.54				
20-21			-	12.16*	10.00				
21-22			-	16.06	12.34				
22-23			-	9.02*	8.20				
23-24			-	-	7.61				
24-25		7.69	6.21*	6.62*	5.97		7.69		
25-26		10.86	9.53	10.65	8.54*		11.72		
26-27		15.94	13.82	14.83	11.19	16.11*	14.65	14.50*	
27-28		12.90	12.53*	12.77	11.76	11.17*	12.39*	14.30*	
28-29		10.54*	8.31*	8.72*	6.31	8.12	8.33	8.02*	
29-30		11.19	9.74	10.18	9.17	10.98*	10.39	10.70	
30-31	10.20*	9.29*	10.18	8.72	10.60	9.50	11.07*	11.62	9.26
31-32	14.30	14.27	13.56	14.51*	14.53*	14.61	15.50	15.99	16.09

\* Partially estimated by comparison with nearby stations.

## RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

-Station Number-									
1103	1137	1166	1170	1186	1186A	1187	1199	1241	
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80				13.70					
80-81				7.59					
81-82				7.06					
82-83				5.17					
83-84				25.82					
84-85				7.16*					
85-86				14.83					
86-87				9.65					
87-88				15.31*					
88-89				15.51					
89-90				19.56					
90-91				16.29					
91-92				7.76					
92-93				16.41					
93-94				7.08					
94-95				16.27*					
95-96				8.12*					
96-97				14.19					
97-98				5.32					
98-99				5.47					
99-00				7.84					
00-01				13.20*					
01-02				10.05					
02-03				17.57					
03-04				7.44					
04-05				16.13*					
05-06				18.15					
06-07				19.55*					
07-08				10.59					
08-09				19.25*					
09-10				12.00*					
10-11				13.32*					
11-12				8.99*					
12-13				10.14*					
13-14				18.90					
14-15				19.32					
15-16				22.33*					
16-17				12.97*					
17-18				12.86					
18-19				11.22					
19-20				17.58					
20-21				14.73					
21-22				-		17.93*			
22-23				-		8.94*			
23-24		7.67		-		9.30			
24-25		7.29*		-		7.25	6.39*		
25-26		10.44		12.36*	-	11.70	11.58		
26-27	16.90*	15.89		23.67*	-	16.75*	16.67	13.46*	
27-28	13.28	12.56	13.29*	13.33*	-	12.65*	12.15	13.22*	
28-29	8.71	9.38	9.39	10.27*	-	9.77	10.67	9.36	12.41*
29-30	10.45*	11.66	12.81*	12.09*	-	11.63	11.79	13.27	9.78
30-31	10.28	10.04	10.58	10.86*	-	9.99	10.05	12.10*	11.41
31-32	15.28	15.18	16.54*	-	-	15.38*	15.22	15.73	15.09*

\* Partially estimated by comparison with nearby stations.

RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

-Station Number-

	1288	1343	1349	1395	1409	1444	1475	1479	1482
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
80-81									
81-82									
82-83									
83-84									
84-85									
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91-92									
92-93									
93-94									
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95-96									
96-97									
97-98									
98-99									
99-00									
00-01									
01-02									
02-03									
03-04									
04-05									
05-06									
06-07									
07-08									
08-09									
09-10									
10-11									
11-12									
12-13									
13-14									
14-15									
15-16									
16-17									
17-18									
18-19									
19-20		9.84*							
20-21		13.47*							
21-22		13.91*							
22-23		9.40*							
23-24		6.56*							
24-25		6.88						8.02*	
25-26		11.12			12.09*			10.77*	
26-27		14.48			13.37*			13.17	
27-28		11.06*	9.95*		10.16*			11.70*	
28-29	11.35	10.54	11.01		9.58*		10.76*	9.24	12.61*
29-30	10.48	9.60	11.36		11.30*		10.46*	10.14	11.02
30-31	11.04	11.84	-	14.06	9.50*	9.23	13.48	9.79	11.05
31-32	14.60	14.57	-	17.73	14.15*	-	15.97*	16.52*	15.31

\* Partially estimated by comparison with nearby stations.

## RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

-Station Number-								
1502	1546	1552	1566	1593	1651	1661	1661A	1664
70-71								
71-72								
72-73								
73-74								
74-75								
75-76								
76-77								
77-78								
78-79								
79-80								
80-81								
81-82								
82-83								
83-84								
84-85								
85-86								
86-87								
87-88								
88-89								
89-90								
90-91								
91-92								
92-93								
93-94								
94-95								
95-96								
96-97								
97-98								
98-99								
99-00								
00-01								
01-02								
02-03								
03-04								
04-05								
05-06								
06-07								
07-08								
08-09								
09-10								
10-11								
11-12								
12-13								
13-14					21.89			
14-15					22.73			
15-16					17.96			
16-17					12.50			
17-18					13.11			
18-19					9.39			
19-20					13.04			
20-21					13.79			
21-22					21.03			
22-23					10.41			
23-24					8.04			
24-25					9.49			
25-26			12.63		13.53		14.53*	12.97
26-27			16.92*		18.43		17.38	20.22
27-28			11.97*		12.67	13.32*	-	14.22
28-29	12.31*		11.14*		11.02*	11.12	10.89*	10.58*
29-30	12.16		11.32	10.82*	10.89	11.93	-	11.32
30-31	12.57	9.31	10.92	10.15	10.58	11.75	11.80	-
31-32	15.39	14.39	-	14.74*	15.19	16.11	16.25	-

\* Partially estimated by comparison with nearby stations.



## RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

-Station Number-									
1684	1700	1706	1721	1750	1757	1768	1774	1853	
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
80-81									
81-82									
82-83									
83-84									
84-85									
85-86									
86-87									
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88-89									
89-90									
90-91									
91-92									
92-93									
93-94									
94-95									
95-96									
96-97									
97-98									
98-99									
99-00									
00-01									
01-02									
02-03									
03-04									
04-05									
05-06									
06-07									
07-08									
08-09									
09-10									
10-11									
11-12									
12-13									
13-14									
14-15									
15-16									
16-17									
17-18									
18-19									
19-20			15.59*						
20-21			15.07*						
21-22			18.31*						
22-23			11.58						
23-24			8.16						
24-25		11.37	8.26						
25-26	14.18*	16.81	16.11		12.54		14.95*		
26-27	19.83*	23.26	17.58		17.94*		21.59		
27-28	13.91*	16.64	13.19*		12.33*		13.37*		
28-29	10.94*	13.74	10.23		9.91		12.23		
29-30	10.85	14.28	10.88		13.19		13.34		
30-31	12.07	14.57	12.39*		13.17*	10.63	11.76	13.86	
31-32	15.84*	19.30	15.75	17.91*	18.48	16.02*	13.76*	18.88	22.25

\* Partially estimated by comparison with nearby stations.

RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

	-Station Number-								
	1862	1901	1906	1925	1933	2401	2443	2445	2502
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
80-81									
81-82									
82-83									
83-84									
84-85									
85-86									
86-87									
87-88									
88-89									
89-90									
90-91									
91-92									
92-93									
93-94									
94-95									
95-96									
96-97									
97-98									
98-99									
99-00									
00-01									
01-02									
02-03									
03-04									
04-05									
05-06									
06-07									
07-08									
08-09									
09-10									
10-11									
11-12									
12-13									
13-14									
14-15									
15-16									
16-17									
17-18									
18-19									
19-20									
20-21									
21-22									
22-23									
23-24									
24-25									
25-26							12.78		
26-27							21.97		
27-28				-		14.50	12.34		
28-29				13.20*		20.13	15.14	12.33	
29-30				-		18.71	15.16*	11.28*	
30-31	12.29	14.01*	13.53	14.32*	14.77	24.42	17.78*	15.71*	18.82*
31-32	19.91*	20.03*	22.13	21.78	-	28.14	22.26*	13.74*	23.67*

\* Partially estimated by comparison with nearby stations.

## RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

-Station Number-								
2503	2508	2508A	2511	2544	2551	2555	2592	2597
70-71								
71-72								
72-73								
73-74								
74-75								
75-76								
76-77								
77-78								
78-79								
79-80								
80-81								
81-82								
82-83								
83-84								
84-85								
85-86								
86-87								
87-88								
88-89								
89-90								
90-91								
91-92								
92-93								
93-94	8.10							
94-95	15.52*							
95-96	8.35*							
96-97	16.70			15.58*				
97-98	5.07			5.53*				
98-99	6.71			6.11				
99-00	9.90			10.29				
00-01	15.06			15.73				
01-02	12.65			12.77				
02-03	19.36			21.08				
03-04	8.73*			10.06*				
04-05	17.34			17.47*				
05-06	18.76			19.28				
06-07	21.99			23.51				
07-08	11.74			11.70				
08-09	18.37			16.44				
09-10	12.67			12.45				
10-11	16.45			16.48				
11-12	8.04			8.91				
12-13	10.73			8.63*				
13-14	18.36			20.54				
14-15	17.80			17.51				
15-16	18.59			19.46				
16-17	15.05			12.41				
17-18	16.09			13.37				
18-19	10.49			8.95				
19-20	11.83			10.20				
20-21	15.20			11.84				
21-22	13.26			16.01				
22-23	10.96			10.43				
23-24	6.30			6.35				
24-25	8.03			6.80				
25-28	12.16*			12.06			16.76	
26-27	-			14.21			19.89	
27-28	-	9.76		9.80			10.45*	
28-29	16.27	-	11.28	11.83	15.27*	12.98*	-	
29-30	-	-	9.72	9.04	12.20	10.94	11.30*	
30-31	17.20*	-	12.28	16.67	12.64	16.82	15.83*	14.40*
31-32	-	-	14.72	-	15.93*	20.87	17.44*	15.96*

\* Partially estimated by comparison with nearby stations.

## RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

	-Station Number-								
	2607	2643	2686	2754	2755	2870	2870A	2875	2888
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78					21.26				
78-79					11.35				
79-80					20.34				
80-81					13.13				
81-82					10.40				
82-83					12.11				
83-84					38.18				
84-85					9.21				
85-86					22.31				
86-87					14.05				
87-88					13.87				
88-89					19.28				
89-90					34.84				
90-91					13.36				
91-92					11.85				
92-93					26.28				
93-94					6.73				
94-95					16.11				
95-96					8.51				
96-97					16.86				
97-98					7.08				
98-99					5.59				
99-00					7.91				
00-01					16.29				
01-02					10.60				
02-03					19.32				
03-04					8.72				
04-05					19.52				
05-06					18.65				
06-07					19.30				
07-08					11.72				
08-09					19.18				
09-10					12.63				
10-11					16.18				
11-12					11.60				
12-13					13.42				
13-14					23.65				
14-15					17.05				
15-16					19.92				
16-17					16.26		16.22		
17-18					13.86		15.57		
18-19					8.58		10.68		
19-30					12.52		16.58		
20-21					13.65		15.61		
21-22					19.66		24.59		
22-23					9.59		12.07		
23-24					6.67		-		
24-25					7.94		11.03		
25-28					17.56		22.21		
26-27					17.76	21.48	21.49		
27-28					9.77	13.02	12.26		
28-29					12.66	14.74	-		11.62*
29-30		11.13*		10.17*	11.52	15.13	-		12.05
30-31	14.37*	14.35	13.93	11.82	12.53	15.11	-	12.52	11.64
31-32	15.51	17.27*	15.65	-	16.95	19.30	-	-	15.15

\* Partially estimated by comparison with nearby stations.

RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

	-Station Number-								
	2899	2915	2928	2962	2962A	3004	3009	3041	3053
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
80-81									
81-82									
82-83									
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90-91									
91-92									
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93-94									
94-95									
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97-98									
98-99									
99-00									
00-01									
01-02									
02-03									
03-04									
04-05									
05-06									
06-07									
07-08									
08-09									
09-10									
10-11									
11-12									
12-13									
13-14									
14-15									
15-16									
16-17									
17-18									
18-19									
19-20									
20-21									
21-22									
22-23									
23-24					9.06				
24-25			8.96		9.76			12.29	
25-26	15.47		-		15.87		15.98*	17.57	16.47
26-27	18.07	19.32	18.73		19.75	20.38	22.07*	21.89	22.09
27-28	10.22	13.33	13.12	12.79*	11.73	-	15.71	12.72	13.21
28-29	-	-	-	13.74*	13.13	13.70*	14.39*	13.76*	13.20
29-30	-	13.48*	-	14.58	12.15	13.76	15.04	15.41	14.65
30-31	-	13.93	11.64	15.48	-	14.80	14.68	14.39	16.28
31-32	-	19.23	16.51	18.79	-	18.16	17.48*	19.87	20.83*

\* Partially estimated by comparison with nearby stations.



RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

	-Station Number-								
	3079	3094	3111	3111A	3121	3123	3131	3144	3149
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
80-81									
81-82									
82-83									
83-84									
84-85									
85-86									
86-87									
87-88									
88-89									
89-90									
90-91									
91-92									
92-93									
93-94									
94-95									
95-96									
96-97									
97-98									
98-99									
99-00							9.98		
00-01							21.66		
01-02							12.01		
02-03					21.53		21.40		
03-04					9.85		10.30		
04-05					22.71		24.48		
05-06					22.10		21.03		
06-07					29.92		26.82		
07-08					15.24		14.57		
08-09					26.95		25.36		
09-10					16.72		16.13		
10-11					21.34		22.18		
11-12					13.89		13.07		11.47
12-13					13.39		13.87		11.91
13-14					28.87		29.63		23.36
14-15					26.25		24.46		22.63
15-16					26.65		26.10		24.97
16-17					19.47		17.69		15.51
17-18					16.34		16.90		15.30
18-19					12.93		11.14		9.49
19-20					20.65		20.68		17.89
20-21	14.40		16.07		18.36		18.43		16.52
21-22	20.86		23.45		23.88		26.72		27.00
22-23	11.13		15.55		16.19		15.71		13.74
23-24	9.68		10.36		12.74		11.25		-
24-25	10.26		11.66		11.15		11.60		-
25-26	20.75		20.38		21.32		22.01		20.44
26-27	23.31		23.18		23.49		23.69	25.92	23.75
27-28	14.57		13.87		14.46		16.12	15.17	-
28-29	13.23	12.97*	13.94		-		13.32*	14.00	13.05
29-30	15.71	-	15.13	15.42*	14.85*	14.62*	-	-	15.87
30-31	13.04	-	12.74	13.55	12.67	12.23*	-	-	15.99*
31-32	19.20	-	20.34	20.46*	20.78	-	-	-	21.82

\* Partially estimated by comparison with nearby stations.

RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

-Station Number-								
3149A	3165	3160	3190	3223	3230	3242	3244	3256
70-71								
71-72								
72-73								
73-74								
74-75								
75-76								
76-77								
77-78								
78-79								
79-80								
80-81								
81-82								
82-83								
83-84						39.86		
84-85						10.57		
85-86						23.49		
86-87						13.33		
87-88						22.14*		
88-89						23.35		
89-90						29.13*		
90-91						21.86		
91-92						15.16*		
92-93						29.08		
93-94						12.70		
94-95						26.68		
95-96						10.15		
96-97						22.97		
97-98						11.18		
98-99						7.77		
99-00						11.76		
00-01						21.99		
01-02						13.32		
02-03						20.00		
03-04						9.89*		
04-05						26.62		
05-06						23.36		
06-07						28.88		
07-08						16.33		
08-09						24.97		
09-10						18.75		
10-11						24.01		
11-12						15.00		
12-13						15.37*		
13-14				28.13		31.34		
14-15				22.04		25.53		
15-16				26.18		29.43*		
16-17				15.85		18.07		
17-18				14.42		16.85		
18-19				10.58		14.70		
19-20				18.94		20.08		
20-21				18.20		22.46		
21-22				28.00		27.79		
22-23				14.44		16.73		
23-24				13.73		14.06		
24-25				13.29		15.03		
25-26		23.63*		19.94		-	20.23	
26-27		-		24.73		-	22.64	
27-28		15.79*	14.82*	15.10		-	15.96	
28-29		14.88*	13.49	12.89		-	12.65	
29-30	15.82	16.75	14.03	15.77	15.91*	-	15.57	
30-31	12.98	12.02	14.86*	12.22	15.11	13.97*	-	14.44
31-32	21.69	21.13	23.32	20.81	23.19	17.55	-	22.19
								14.30
								19.84*

\* Partially estimated by comparison with nearby stations.

RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

	<u>-Station Number-</u>								
	3280-	3290	3554	3593	3596	3602	3618	3673 **	3685
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
80-81									
81-82									
82-83									
83-84									
84-85									
85-86									
86-87									
87-88									
88-89									
89-90									
90-91									
91-92		13.58*							
92-93		25.28*							
93-94		11.37							
94-95		24.41							
95-96		9.58							
96-97		23.14							
97-98		11.03							
98-99		7.85							
99-00		10.65							
00-01		21.02							
01-02		12.45							
02-03		18.81							
03-04		10.89							
04-05		22.75							
05-06		21.65							
06-07		26.29							
07-08		15.64							
08-09		22.28							
09-10		17.18							
10-11		22.59							
11-12		14.06							
12-13		13.28				11.85*			
13-14		30.87				22.65*			
14-15		23.50				20.70*			
15-16		26.06				17.64			
16-17		17.21				14.48*			
17-18		14.79				16.52*			
18-19		11.37				9.23*			
19-20		21.76				12.74			
20-21		21.79				15.60			
21-22		26.62				20.55			
22-23		14.53				10.27			
23-24		12.76*				7.20*		6.70*	
24-25		11.56*				8.22*		7.97	
25-26		22.32				16.68	18.35	18.16	
26-27		24.52*				18.17	24.96	-	
27-28	14.93	12.74	12.01*	12.66	19.53*	11.25*	14.62*	12.05	
28-29	12.66	12.18	10.79	9.86*	13.88*	9.43	14.66	11.78*	13.84
29-30	16.35	16.10	12.26	11.99	14.60*	11.65	18.50	10.82	11.60
30-31	15.54	14.65*	15.46	13.97	-	13.53	18.85	15.61	12.51
31-32	22.59	23.01	19.65	18.14	21.08	17.64	26.12	19.61	15.36

\* Partially estimated by comparison with nearby stations.

\*\* Incorrectly shown on map as 3783.

RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

	-Station Number-								
	3687	3706	3735	3742	3749	3786	3788	3800	3810
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
80-81									
81-82									
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99-00									
00-01									
01-02									
02-03									
03-04									
04-05									
05-06									
06-07									
07-08									
08-09									
09-10									
10-11									
11-12									
12-13									
13-14									
14-15									
15-16									
16-17									
17-18									
18-19									
19-20									
20-21									
21-22									
22-23									
23-24									
24-25									
25-26					20.08				
26-27					24.34				
27-28			9.58*	9.60	13.02	10.84*	10.75*	11.27*	
28-29		14.88*	13.48	10.21*	14.92	14.48	13.65	10.01*	
29-30		14.11*	13.52	11.72	13.47	9.52	12.18	11.57	9.89
30-31	18.83	19.21	17.92	15.27	17.48	17.69	19.07	16.74	13.52
31-32	22.21	24.84*	24.70*	19.19	-	21.97	21.16	-	17.45

\* Partially estimated by comparison with nearby stations.

RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

	-Station Number-								
	3834	3848	3848A	3868	3870	3879	3891	3894	3897
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
80-81									
81-82									
82-83									
83-84									
84-85									
85-86									
86-87									
87-88									
88-89									
89-90									
90-91									
91-92									
92-93									
93-94									
94-95									
95-96									
96-97									
97-98									
98-99									
99-00									
00-01									
01-02									
02-03									
03-04									
04-05									
05-06									
06-07	26.43								
07-08	13.45								
08-09	18.81								
09-10	15.66								
10-11	20.99								
11-12	16.36								
12-13	16.74								
13-14	28.37								
14-15	21.64								
15-16	20.24								
16-17	15.40								
17-18	18.61								
18-19	10.89								
19-20	13.96								
20-21	18.32								
21-22	26.01								
22-23	10.52								
23-24	8.69*								
24-25	8.60								
25-26	21.00								
26-27	19.12								
27-28	11.74				9.48				
28-29	10.85		11.67*		10.06	11.96*			
29-30	12.34	10.80*	11.21*	11.46*	9.78*	10.67	10.69*		
30-31	14.84	14.93*	14.35*	13.71*	-	13.45	14.17	14.96	13.87*
31-32	21.10*	18.71*	18.82*	-	-	-	21.16	21.14	19.15

\* Partially estimated by comparison with nearby stations.



RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

	<u>-Station Number-</u>								
	3906	3907	3917	3921	3921A	3921B	3930	3930A	3934
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
80-81									
81-82									
82-83									
83-84									
84-85									
85-86									
86-87									
87-88									
88-89									
89-90									
90-91									
91-92									
92-93									
93-94									
94-95									
95-96									
96-97									
97-98									
98-99									
99-00									
00-01									
01-02									
02-03									
03-04									
04-05									
05-06									
06-07									
07-08									
08-09									
09-10									15.39*
10-11									21.26*
11-12									12.48*
12-13									15.78
13-14									30.13
14-15									20.85
15-16									24.61*
16-17									17.95
17-18									17.74
18-19									11.82*
19-20									16.24*
20-21									17.71
21-22									27.60
22-23									12.62
23-24									8.30
24-25									10.38
25-26									20.62
26-27									24.46*
27-28									10.61
28-29				11.02*					14.22
29-30				10.96	13.16*		12.98*	14.80*	12.44
30-31	14.40	13.12	12.58*	14.02*	15.52*	13.93*	16.37*	16.19*	14.98
31-32	20.71	17.12	18.94	20.54*	22.36*	22.15*	21.83*	24.38*	21.35

\* Partially estimated by comparison with nearby stations.

RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

-Station Number-								
3939	3943	3970	3974	3992	3993	4001	4010	4021
70-71								
71-72								
72-73								
73-74								
74-75								
75-76								
76-77								
77-78								
78-79								
79-80								
80-81								
81-82								
82-83								
83-84								
84-85								
85-86								
86-87								
87-88								
88-89								
89-90								
90-91								
91-92								
92-93								
93-94								
94-95								
95-96								
96-97								
97-98								
98-99								
99-00								
00-01								
01-02								
02-03								
03-04								
04-05								
05-06								
06-07								
07-08								
08-09								
09-10								
10-11								
11-12								
12-13								
13-14								
14-15								
15-16								
16-17								
17-18								
18-19								
19-20								
20-21								
21-22								
22-23								
23-24								
24-25								11.98
25-26								21.79
26-27		19.97*						24.79
27-28		9.52		9.30*				11.98
28-29		11.69	13.85	13.35	12.93		16.90	-
29-30		11.39	15.28	12.79*	-		13.91	15.78*
30-31	12.01	12.78	16.42*	13.93*	-	16.99*	16.53	18.48*
31-32	-	18.05	-	20.08*	-	21.88*	23.20*	23.91*

\* Partially estimated by comparison with nearby stations.

## RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

-Station Number-								
4023	4043	4048	4050	4058	4061	4065	4071	4073
70-71								
71-72								
72-73								
73-74								
74-75								
75-76								
76-77								
77-78								
78-79								
79-80								
80-81								
81-82								
82-83								
83-84								
84-85								
85-86								
86-87								
87-88								
88-89								
89-90								
90-91								
91-92								
92-93								
93-94								
95-96								
96-97								
97-98								
98-99								
99-00								
00-01								
01-02								
02-03								
03-04								
04-05								
05-06								
06-07								
07-08								
08-09						27.03		
09-10						17.99		
10-11						24.15		
11-12						17.80		
12-13						18.04		
13-14						34.12		
14-15						22.02		
15-16						-		
16-17						-		
17-18						-		
18-19						-	13.65	
19-20						-	21.07	
20-21						-	23.14	19.41
21-22					34.26	-	36.91	29.61
22-23					15.17	-	16.44	13.48
23-24					9.04	-	11.18	9.59
24-25	14.07				12.57	-	16.06	-
25-26	21.36				25.28	-	27.68	-
26-27	25.51			22.19	25.65	-	27.12	-
27-28	13.72*	12.54*	13.98	-	13.85	-	13.97	-
28-29	17.23	14.18	16.71	14.36*	16.91	-	-	-
29-30	15.14	13.15	17.31	14.11*	16.83	-	-	-
30-31	16.09*	15.14	17.64	-	18.46	-	-	-
31-32	-	21.63*	19.46	23.52	-	23.35	-	-

\* Partially estimated by comparison with nearby stations.

RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

	-Station Number-								
	4075	4076	4079	4087	4092	4099	4109	4110	4111
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
80-81									
81-82									
82-83									
83-84									
84-85									
85-86									
86-87									
87-88									
88-89									
89-90									
90-91									
91-92									
92-93									
93-94									
94-95									
95-96									
96-97									
97-98									
98-99					7.09*				
99-00					11.62				
00-01					24.48				
01-02					12.54				
02-03					28.13				
03-04					11.86				
04-05					28.50				
05-06					30.56				
06-07					34.25				
07-08					19.81				
08-09					34.07				
09-10					20.78				
10-11					28.83*				
11-12					21.22*				
12-13					19.92*				
13-14					35.87				
14-15					25.74				
15-16					30.24*				
16-17					23.00*				
17-18					21.67*				
18-19					14.18*				
19-20					22.64				
20-21				17.38	22.94				
21-22				24.55	34.85*				
22-23				12.33	16.77				15.07*
23-24				9.73	8.45*		8.57		11.25
24-25	12.85			12.04	14.01*		10.90		14.75*
25-26	22.38			21.98	24.80		19.79		25.82*
26-27	25.17			25.51	27.36		22.74		28.35*
27-28	13.73			12.38*	15.55		-		15.19*
28-29	15.88			14.87	17.25*		14.73		17.51*
29-30	16.33			14.26	18.59*	14.15*	14.65	21.58*	21.74
30-31	17.35			14.81	18.72*	15.92*	14.37	21.90	19.43
31-32	-	20.01*	19.82*	-	-	19.64*	19.42	28.04	29.17

\* Partially estimated by comparison with nearby stations.

RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

-Station Number-								
4136	4137	4140	4142	4142A	4152	4152A	4153	4154
70-71								
71-72								
72-73								
73-74								
74-75								
75-76								
76-77								
77-78								
78-79								
79-80								
80-81								
81-82								
82-83								
83-84								
84-85								
85-86								
86-87								
87-88								
88-89						31.18		
89-90						48.61		
90-91						24.60		
91-92						19.82		
92-93						36.06		
93-94						12.47		
94-95						28.73		
95-96						12.00		
96-97				24.44		23.40		
97-98				11.54		11.07		
98-99				9.54		8.34		
99-00				12.88		12.41		
00-01				30.65		30.99		
01-02				16.23		15.34		
02-03				28.17		28.55		
03-04				13.22		12.44		
04-05				32.10		35.89		
05-06				32.66		34.96		
06-07				37.74		41.04		
07-08				20.57		25.35		
08-09				38.86		38.20		
09-10				22.53		23.18		
10-11				32.63		33.94		
11-12				23.21		22.66		
12-13				18.52		22.25		
13-14				40.16		45.16		
14-15				21.95		26.68		
15-16				29.73		32.02		
16-17				24.94		22.07		
17-18				21.03		23.37		
18-19				15.11		14.91		
19-20				23.67		20.27		
20-21				24.32		23.68		
21-22				36.49		38.85		
22-23				18.80		-		
23-24				12.00		-		
24-25				17.00		-		
25-28		22.88*		30.36		-		25.57*
26-27	23.88	-		30.99		-		28.71*
27-28	14.09	18.91*		16.29		-		14.94*
28-29	15.19*	14.17*	25.08*	18.97	18.77	18.99*		17.24*
29-30	16.53	16.79	-	20.60	20.06	20.14		17.48*
30-31	18.20	17.26*	-	18.94	19.06*	17.62	18.57	17.28
31-32	22.71*	21.94*	-	26.39	27.20	27.78	27.29	24.94*

\* Partially estimated by comparison with nearby stations.



RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

	-Station Number-								
	4163	4164	4171	4171A	4172	4176	4180	4194A	4195
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
80-81									
81-82									
82-83									
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99-00									
00-01									
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09-10									
10-11									
11-12									
12-13									
13-14									
14-15									
15-16									
16-17									
17-18									
18-19									
19-20									
20-21							34.25	21.69	
21-22							57.33	31.74	
22-23							26.43	16.60	
23-24							16.33	11.48	
24-25						11.91	21.15	14.79	
25-26						20.59	39.60	22.41	
26-27	28.10				32.81*	22.96	-	24.53	
27-28	14.02		14.83*	16.67*	-	-	-	14.02	
28-29	16.98	17.18	18.19*	20.94*	-	-	22.67	15.53	13.81*
29-30	17.09	17.20	18.90	21.43*	-	-	30.03*	16.45	15.70
30-31	17.13	17.76	18.92*	18.83	-	-	22.72	18.05	15.54
31-32	24.36*	24.24	27.78*	28.31	-	-	36.05	24.65	-

\* Partially estimated by comparison with nearby stations.

RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

-Station Number-									
4195A	4195B	4197	4203	4211	4212	4230	4231	4236	
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
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04-05									
05-06									
06-07									
07-08									
08-09									
09-10									
10-11									
11-12									
12-13									
13-14	34.46		33.43						
14-15	22.69		21.65						
15-16	27.24		24.93						
16-17	21.46		19.01						
17-18	16.84		16.48						
18-19	12.63		12.42						
19-20	18.17		18.25						
20-21	17.52		16.91	23.32					
21-22	25.59		24.26	32.88					
22-23	13.72		12.54	16.71					
23-24	10.02		9.66	12.32					
24-25	13.35		11.09	13.69					
25-26	20.52		19.93	22.21					19.53
26-27	21.65		21.49	27.62	30.19*				24.01
27-28	-		13.53	15.33	15.28				14.34
28-29	14.05	13.09	13.93*	17.03	23.24	19.65	21.06*	13.22*	
29-30	15.50	15.74	15.34*	18.69	21.84	18.72	22.29	16.68	
30-31	14.31*	15.57*	-	18.93*	22.51	19.78	25.66	16.23	
31-32	21.18*	22.39*	-	28.05*	35.07	32.47	38.34*	38.99*	23.33

\* Partially estimated by comparison with nearby stations.

RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

	-Station Number-								
	4248	4273	4285	4293	4294	4298	4296A	4299	4306
70-71									
71-72									
72-73									
73-74									
74-76									
75-76									
78-77									
77-78									
78-79									
79-80									
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81-82									
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93-94									
94-95									
95-98									
96-97									
97-98									
98-89									
99-00									
00-01									
01-02									
02-03									
03-04									
04-06									
05-06					25.29				
06-07					31.48				
07-08					20.10				
08-09					33.45				
09-10					20.97				
10-11					27.68				
11-12					17.12				
12-13					16.18				
13-14					41.58				
14-16					23.88				
16-18					35.15				
16-17					25.34*				14.65
17-18					20.73				18.84
18-19					14.80				12.42
19-20					25.56				22.04
20-21					24.00				20.81
21-22					31.09				26.08
22-23					18.33				15.93
23-24					11.97				11.08
24-25				12.64*	14.42				12.89
26-26				22.51*	23.25				21.23
28-27				25.46*	27.10				25.46
27-28	21.33	17.38		15.33	16.34	14.97*			15.34*
28-29	12.82	20.28		17.49	17.57	16.56*	15.46*	15.41	15.11
29-30	13.32	20.60		17.96	18.80	16.15	15.96	15.58	15.99
30-31	13.24	21.57	14.97*	16.98	16.97	14.68	14.57	-	14.61
31-32	-	32.12	24.39*	24.56*	26.59*	23.27*	22.26	-	23.06*

\* Partially estimated by comparison with nearby stations.

## RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

-Station Number-									
4309	4327	4330	4338	4345	4346	4354	4361	4383	
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
80-81					16.96				
81-82					16.07				
82-83					18.52				
83-84					60.02				
84-85					12.09				
85-86					28.95				
86-87					19.26*				
87-88					35.10				
88-89					30.80				
89-90					49.74				
90-91					27.24				
91-92					20.71				
92-93					39.26				
93-94					11.06*				
94-95	24.41				33.32*				
95-96	9.25				13.03				
96-97	19.65				22.17				
97-98	13.37				16.95				
98-99	7.26				7.24				
99-00	11.17				11.98				
00-01	22.03				24.31*				
01-02	11.28				13.97				
02-03	22.61				26.98				
03-04	10.91				12.91				
04-05	26.68				26.68*				
05-06	22.30				27.03				
06-07	28.15				33.17*				
07-08	13.77				17.39				
08-09	25.87				30.05				
09-10	19.35				20.36*				
10-11	21.02				28.30				
11-12	13.08				16.43				
12-13	13.78				12.58*				
13-14	32.83				36.78				
14-15	24.38				28.41				
15-16	29.16				33.24*				
16-17	19.91				22.76*				
17-18	17.16				18.15*				
18-19	10.62				13.02*				
19-20	22.88				24.37*				
20-21	19.81				22.95				
21-22	26.15				27.51				
22-23	16.30				19.17				
23-24	11.56				12.01*	13.20			
24-25	12.35				13.20*	25.79			
25-26	20.06				24.30*	28.55			
26-27	24.32	29.84*			25.43	17.84			
27-28	15.46	-			16.05*	16.92*			
28-29	15.70*	-			17.10*	18.27			
29-30	16.66*	16.24	-	15.94*	18.21*	19.41		22.64	
30-31	14.35	13.89	19.95	23.09	14.75*	15.70*	16.38		20.45
31-32	19.46	23.09	33.07*	15.02	-	24.01	26.93	30.62*	29.19

\* Partially estimated by comparison with nearby stations.

RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

	-Station Number-								
	4386	4389	4398	4399	4399A	4401	4407	4407A	4407B
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
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96-97									
97-98									
98-99									
99-00									
00-01									
01-02									
02-03									
03-04									
04-05									
05-06									
06-07									
07-08									
08-09		23.71							
09-10		18.45							
10-11		-							
11-12		13.25							
12-13		13.04							
13-14		31.57							
14-15		22.79							
15-16		26.69			22.12				
16-17		18.64			19.83				
17-18		15.26			16.35				
18-19		11.15			11.28				
19-20		20.46	19.29		22.25				
20-21		18.57	21.13		19.68				
21-22		26.07	28.05		26.67			27.16	
22-23		15.62	15.82		16.24			17.60	
23-24	11.73	10.43	10.33		10.69			11.01	
24-25	13.86	12.11	12.11		12.40			12.46	
25-26	24.46	23.26	23.68		22.98			22.90	
26-27	26.23	23.29	23.65		23.35			24.00	
27-28	16.12	13.84	13.89	14.52*	14.86	18.57*		12.27	
28-29	16.99	-	14.75*	13.41	14.69	22.00*	16.44*	14.60	
29-30	18.80	-	15.59*	15.69	15.45	24.41*	17.34	16.36	
30-31	15.61	-	14.81*	15.43	10.07	-	14.68	14.54	
31-32	-	22.42	-	22.74*	22.83*	-	25.17*	23.64	23.16

\* Partially estimated by comparison with nearby stations.



## RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

-Station Number-									
4408	4409	4424	4439	4444	4448	4452	4457	4487	
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
80-81									
81-82									
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88-89									
89-90									
90-91									
91-92									
92-93									
93-94									
94-95									
95-96									
96-97									
97-98									
98-99									
99-00	9.73								
00-01	21.66								
01-02	12.77								
02-03	20.83								
03-04	11.48								
04-05	23.97		26.31						
05-06	25.52		28.22						
06-07	28.86		29.09						
07-08	15.83		14.33						
08-09	26.31		22.46		25.55				
09-10	18.25		16.58		17.95				
10-11	25.60		21.56		24.60				
11-12	14.64		13.38		15.15				
12-13	13.09		11.02		12.50				
13-14	32.43		29.07		34.25				
14-15	24.36		22.59		25.70				
15-16	-		29.03*		31.20				
16-17	-		17.23		16.65				
17-18	-		13.11		16.10				
18-19	-		-		10.45				
19-20	-	27.05	20.55		22.25		20.65		
20-21	-	21.36	18.05		21.15		21.37		
21-22	-	35.54	26.56		27.75		29.07		
22-23	-	26.58	16.33		16.75		18.79		
23-24	-	13.97	-		12.70		13.68		
24-25	-	16.90	-		13.32	17.62*	13.48		
25-26	24.56	-	26.76	-	23.35	30.68*	22.41		
26-27	25.11	-	27.85	23.20	26.62	-	25.09		
27-28	15.71	-	14.90	-	13.54	15.68	13.29	14.77	
28-29	16.93	-	17.60	12.32*	15.72*	-	-	13.99	
29-30	17.23	-	19.59	16.81	20.79	-	23.84	19.45*	16.73
30-31	15.40	-	18.05	14.14	19.44*	-	22.69	-	16.12
31-32	24.04*	-	27.20*	22.46	30.23*	-	33.02	24.46	23.27*

\* Partially estimated by comparison with nearby stations.

## RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

-Station Number-								
4487A	4505	4522	4545	4566	4583	4587	4595	4595A
70-71								
71-72								
72-73								
73-74								
74-75								
75-76								
76-77								
77-78								
78-79								
79-80								
80-81								
81-82								
82-83								
83-84								
84-85								
85-86								
86-87								
87-88								
88-89								
89-90								
90-91								
91-92			18.77					
92-93			33.23					
93-94			13.07					
94-95			27.86					
95-96			12.51					
96-97			26.36					
97-98			12.45					
98-99			8.37					
99-00			12.93					
00-01			23.63					
01-02			14.08					
02-03			25.15					
03-04			13.32					
04-05		31.78*	26.62					
05-06		39.64	30.23					
06-07		39.21	31.67					
07-08		23.58	18.29					
08-09		38.42	26.76					
09-10		26.91	20.11					
10-11		37.00	26.63					
11-12		25.00	19.14					
12-13		18.02	14.70					
13-14	32.13	46.41	38.35*		34.11			
14-15	23.82	33.20	28.81		28.98			
15-16	28.49	49.36	40.36		35.25			
16-17	17.92	32.74	25.60		29.86	21.82		
17-18	14.75	22.38	18.83*		-	-		
18-19	-	14.40	14.45		-	-		
19-20	21.34	28.87	26.20		-	-		
20-21	23.74	29.54	24.19		24.04	-		
21-22	32.79	42.03	31.44		-	-		
22-23	16.89	23.30	18.84		20.23	-		
23-24	12.95	19.11	15.50		18.26	-		
24-25	13.95	18.44	15.36		16.07	-		
25-26	28.73	21.59	27.18	22.64	15.59	26.68		
26-27	25.49	-	30.91	27.42	25.22	29.85		
27-28	13.93	15.59*	16.63*	15.31	14.97	15.90		15.14
28-29	13.90	-	19.40	15.21	-	-	14.59	-
29-30	16.69	17.99	22.98	18.74	20.25	-	18.53	19.54
30-31	16.85	18.88	22.79	17.90	17.99	-	16.01	-
31-32	26.66*	25.96	-	28.19	26.76	-	27.37	-

\* Partially estimated by comparison with nearby stations.

RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

	-Station Number-								
	4658	4680	4687	4694	4726	4747	4782	4799	4811
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
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12-13									
13-14									
14-15									
15-16									
16-17									
17-18									
18-19									
19-20									
20-21						15.80			
21-22						17.80*			
22-23						10.17			
23-24						6.87			
24-25						8.90			
25-26	18.33		15.85			15.64		17.91*	
26-27	18.57*		17.01*			17.23		19.03*	
27-28	11.68		11.28	12.13*		11.16	12.66*	11.32*	
28-29	-		10.82	13.24*		10.41	13.26	-	13.29
29-30	11.88*		11.30	13.17	11.95*	11.82	14.33	-	13.45
30-31	14.70	16.32*	14.24*	16.10	14.09	12.97	16.00	-	14.93
31-32	18.40	24.57	17.31	20.16*	18.37*	18.00	22.08*	-	-

\* Partially estimated by comparison with nearby stations.

RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

-Station Number-

	4832	4837	4850	4861	4864	4894	4921	4922	4934
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79				7.87					
79-80				15.82					
80-81				9.45					
81-82				8.62					
82-83				9.00					
83-84				34.10					
84-85				8.97					
85-86				22.56					
86-87				13.62					
87-88				12.89					
88-89				19.66					
89-90				31.35					
90-91				11.94					
91-92				8.79					
92-93				20.15					
93-94				5.40					
94-95				18.55					
95-96				7.98					
96-97				18.74					
97-98				6.03					
98-99				4.14					
99-00				8.39					
00-01				17.19					
01-02				8.76					
02-03				18.85					
03-04				-					
04-05				-					
05-06				-					
06-07				23.09					
07-08				14.01					
08-09				19.95					
09-10				9.82					
10-11				18.54					
11-12				15.87					
12-13				12.90					
13-14				27.05					
14-15				20.71*					
15-16				20.49					
16-17				18.33					
17-18			16.63*	-					
18-19			13.84	-					
19-20			20.24	-					
20-21			18.37*	-					
21-22			-	-			21.70		
22-23	13.12		-	-			12.99		
23-24	9.66*		-	-			8.47		
24-25	12.85*		-	-			10.26		
25-26	22.69		-	-			20.90		20.51*
26-27	24.01*		-	-			18.12		15.84*
27-28	11.64		-	-	10.55		11.63		-
28-29	11.42*	10.25	-	-	10.74*		11.40		-
29-30	14.31	12.11	-	-	12.45		-		-
30-31	15.58	13.27	-	-	15.58*	15.19*	-	16.02	-
31-32	21.96	18.54	-	-	19.76*	20.93	-	21.90*	-

\* Partially estimated by comparison with nearby stations.

## RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

	4946	5015	5019	-Station Number-		5067	5087	5097	5101
70-71				5060	5065				
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
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07-08									
08-09									
09-10									
10-11									
11-12									
12-13									
13-14									
14-15					33.70*				
15-16					-				
16-17					-				
17-18					17.58				
18-19					25.51*			25.03	
19-20					23.50*			24.33	
20-21					43.99*			38.60	
21-22					18.83			19.89	
22-23					14.66*			12.08	
23-24					15.21			14.45	
24-25					31.45			29.55	
25-26					28.74*			31.08	
26-27					14.86*	13.16*	13.51	15.52	15.85*
27-28	10.94		10.33*		17.42	-	15.36*	17.66	20.26*
28-29	10.12*		12.57		16.61	-	15.62*	19.35	-
29-30	10.61		12.94		19.11	17.24*	17.40*	20.08	21.05
30-31	13.36		15.45	20.50*	31.67	27.20	26.63*	-	35.57
31-32	19.89	25.58*	23.42*	30.70*					

\* Partially estimated by comparison with nearby stations.



RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

	-Station Number-								
	5109	5115	5127	5132	5139	5144	5178	5204	5208
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
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89-90									
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91-92									
92-93									
93-94									
94-95									
95-96									
96-97							27.93		
97-98							13.63		
98-99							10.72		
99-00							28.02*		
00-01							34.11		
01-02							18.77		
02-03							-		
03-04							-		
04-05							36.94		
05-06							36.89		
06-07							40.51		
07-08							21.35		
08-09							41.04		
09-10							29.26		
10-11							30.95*		
11-12							15.83		
12-13	19.06						20.95		
13-14	39.91						43.45		
14-15	24.05						29.94		
15-16	29.04						31.68		
16-17	22.71				24.26*		28.08		
17-18	21.42				22.28		19.88	39.90*	
18-19	13.51				14.65*		17.51	23.60*	
19-20	21.87		18.64		21.80		24.84	42.46*	
20-21	20.95		23.36		22.30*		26.91	35.52*	
21-22	35.15		44.43		38.32*		40.44	89.58*	
22-23	16.93		20.31		16.66*		20.12	31.55*	
23-24	10.39		12.48		10.93*		12.83	21.38*	
24-25	15.59		18.27		15.35*		19.65	28.88	
25-26	23.15		26.95		23.64*		29.80	52.26*	
26-27	28.96		29.82		28.75		29.13	46.48*	
27-28	15.21	17.61*	15.18	20.27*	14.06*	17.34	17.33	24.84	
28-29	17.66	19.95*	17.20*	20.56	16.94*	20.11	-	29.32	
29-30	17.26*	21.44*	17.68*	18.47	17.55*	21.22*	-	28.70	23.37*
30-31	18.47*	23.09*	17.89	24.13	17.55	23.86*	-	31.12	-
31-32	25.30	35.20*	26.82	33.58	-	28.38*	-	47.94	35.51

\* Partially estimated by comparison with nearby stations.

## RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

	5224	5247	5248	-Station Number-		5267	5269	5289	5385
70-71				5258	5259				
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
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96-97									
97-98									
98-99									
99-00									
00-01									
01-02									
02-03									
03-04									
04-05		39.90							
05-06		44.30							
06-07		46.02							
07-08		31.83							
08-09		41.66							
09-10		24.13							
10-11		31.51							
11-12		26.96							
12-13		21.28							
13-14		48.92							
14-15		30.43							
15-16		36.70							
16-17		28.44							
17-18		28.16							
18-19		20.62							
19-20		31.19							
20-21		34.06							
21-22		60.51							
22-23	28.66*	23.79							
23-24	19.13*	17.45							
24-25	24.86	21.91							
25-26	47.26	36.28					62.45		
26-27	44.08*	33.37					54.81*	41.48*	
27-28	23.33	19.78				20.85*	24.12	20.44*	
28-29	30.94*	20.45	31.26	34.52	30.86	30.75	30.59	-	
29-30	29.22	23.23	31.97*	33.41	31.80*	20.02	32.78	33.78*	
30-31	29.84*	27.62	-	-	-	27.21*	31.39	24.33	24.02
31-32	56.02*	32.73	-	-	-	46.83	51.04	34.19*	43.57

\* Partially estimated by comparison with nearby stations.

RECORDS OF PRECIPITATION - SOUTH COASTAL BASIN

	5413	5435	5448	-Station Number-		5549	5550	5556	5628
70-71				5457	5460				
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
80-81									
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01-02									
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07-08									
08-09									
09-10									
10-11									
11-12									
12-13									
13-14									
14-16									
15-18									
16-17									
17-18									29.27
18-19									19.00
19-20			28.09						34.08
20-21			26.28						34.55
21-22			57.53						52.75
22-23			24.78	23.71*	21.00*				26.07
23-24			15.28	-	18.59				30.48
24-26			16.95	15.60*	18.99				19.88
25-26			30.95	31.28*	34.87				37.03
26-27			34.24	-	31.13			31.09*	38.47
27-28			16.23*	17.37*	13.90		17.99*	13.34*	18.40
28-29			23.08	-	23.16*	23.84*	21.18*	-	27.64
29-30	25.15*		24.60*	21.88*	21.74*	24.12	20.60	-	27.42
30-31	22.73		20.03*	20.82	21.17	22.43*	-	-	24.85
31-32	36.64	38.07*	34.14	34.00*	38.76*	30.62*	-	-	40.33

\* Partially estimated by comparison with nearby stations.

## RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

-Station Number-								
5637	5646	5673	5696	5837	5861	5872	5922	5928
70-71								
71-72								
72-73								
73-74								
74-75								
75-76								
76-77								
77-78						11.44		
78-79						6.77		
79-80						19.52		
80-81						9.15		
81-82						13.99		
82-83						11.62		
83-84						42.11		
84-85						7.94		
85-86						24.57		
86-87						15.70		
87-88						18.84		
88-89						21.54		
89-90						39.09		
90-91						15.39		
91-92						12.80		
92-93						23.14		
93-94						7.19		
94-95						19.86		
95-96						8.76		
96-97						18.42		
97-98						5.62*		
98-99						5.44		
99-00						7.59		
00-01						19.08		
01-02						9.89		
02-03						19.34		
03-04						8.22		
04-05						27.53		
05-06						18.39		
06-07						33.06		
07-08						15.31		
08-09						22.63		
09-10						19.85		
10-11						22.72		
11-12						20.03		
12-13						17.79		
13-14						31.24		
14-15						27.50		
15-16						-		
16-17						-		
17-18						-		
18-19	17.89*					-		
19-20	35.22*					-		15.11
20-21	32.80*	33.73				-		17.95
21-22	54.12	66.63				-		21.89
22-23	27.04	29.78				-		13.76
23-24	21.47	21.03				-		9.11*
24-25	19.39	21.57				-		10.35
25-26	37.13	38.36				-		18.94
26-27	38.76	39.70				-		17.64*
27-28	20.41	22.21			10.45	-		10.72
28-29	24.85*	25.31		23.09*	13.68*	13.75*	13.48*	13.10
29-30	-	27.76		-	11.19	13.42*	18.82*	15.42
30-31	-	25.28*		-	15.64*	-	19.41	16.56
31-32	-	41.68*	47.74*	67.59	-	25.47	29.53*	21.51

\* Partially estimated by comparison with nearby stations.

RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

	5937	5988	5999	-Station Number-		6045	6067	8249	8289
				6005	6028				
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
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11-12									
12-13									
13-14									
14-15									
15-16									
16-17									
17-18									
18-19									
19-20									
20-21									
21-22									
22-23									
23-24									
24-25									
25-26									
26-27									
27-28				12.54	16.16*				16.20*
28-29	15.24		13.14*	12.69	9.52*				17.03
29-30	16.21	14.94*	14.60	15.71	13.13*	18.86*	17.87*	14.91*	19.59
30-31	-	16.64*	16.44	18.09	17.93*	22.78	18.14	16.89	17.04
31-32	-	-	23.33*	23.45	20.11*	-	23.80*	29.79*	31.78

\* Partially estimated by comparison with nearby stations.



## RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

-Station Number-								
6289A	6355	6658	6558A	6569	6670	6681	6702	6702A
70-71								
71-72								
72-73								
73-74								
74-75								
75-76								
76-77								
77-78								
78-79								
79-80								
80-81								
81-82								
82-83								
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05-06								
06-07								
07-08								
08-09								
09-10								
10-11								
11-12								
12-13								
13-14								
14-15								
15-16								
16-17								
17-18								
18-19								
19-20								
20-21								
21-22								
22-23								
23-24								
24-25	24.25*	15.99*						
25-26	54.65	24.60						
26-27	32.16	23.29					29.94*	
27-28	-	14.73					18.23*	
28-29	-	12.82		24.82*			-	
29-30	-	18.26		25.87			17.90*	
30-31	-	14.97		23.12			16.83	16.73*
31-32	-	24.68*	41.36	43.18	42.06	33.55*	37.88*	36.15
								33.07

\* Partially estimated by comparison with nearby stations.

RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

	-Station Number-								
	6705	6711	6712	7017	13193	13201	13266	13301	13309
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
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08-09									
09-10									
10-11									
11-12									
12-13									
13-14									
14-15									
15-16									
16-17									
17-18									
18-19									
19-20									
20-21									
21-22									15.34
22-23									6.83
23-24									7.70*
24-25						5.98			4.73
25-26						9.76			11.73
26-27	26.95*	23.92				13.43			12.79
27-28	18.41*	11.10				12.38*	11.37*		11.64
28-29	-	6.08		9.66*	9.07	9.87	8.28	8.64*	9.29*
29-30	21.33*	9.44		11.16	10.12	10.98	10.20	9.82*	10.40
30-31	17.37	10.89	18.19*	11.47	7.77	9.00	8.50	9.90*	10.28
31-32	33.87	20.00	33.54	18.27	13.94	13.83*	12.32	-	15.04

\* Partially estimated by comparison with nearby stations.

## RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

	-Station Number-							
	13323	13329	13363	13402	13406	13432	13480	13499
70-71								
71-72								
72-73								
73-74								
74-75								
75-76								
76-77								6.30*
77-78								20.45*
78-79								7.81
79-80								16.58
80-81								9.29
81-82								7.74
82-83								7.56
83-84								39.65
84-85								9.61
85-86								16.38
86-87								10.11
87-88								15.56
88-89								13.52
89-90								20.72*
90-91								14.96*
91-92								11.13
92-93								18.11
93-94								6.72
94-95						18.60		17.96
95-96						9.97*		10.79
96-97						14.41		16.51
97-98			5.26*			5.69		7.98
98-99			6.30			7.09		9.22
99-00			8.24		8.90*	7.21		10.11*
00-01			15.01		16.82*	15.46		19.13
01-02			9.36		11.30*	8.88		13.77
02-03			17.26		22.30*	15.80		19.45
03-04			6.59		9.60*	6.86		10.05
04-05			22.05		27.15*	18.76		20.30
05-06			18.71		21.54*	20.37		20.43*
06-07			20.12		25.10*	21.00		20.94*
07-08			11.38		14.33*	10.40*		13.61
08-09			12.87*		15.61	15.48*		19.42
09-10			11.25		15.67	15.13		16.33*
10-11			10.88	10.07*	14.65	11.55*	12.65	13.86*
11-12			8.86	8.84	10.18*	11.60	11.03	12.43*
12-13			9.01	8.99	9.32*	10.40	8.28	11.46*
13-14	13.71*		16.19	14.86	17.22*	17.71	17.35	-
14-15	18.12		17.22	16.38	21.81*	18.28	20.52	-
15-16	15.05		16.74	14.85	17.86*	18.36	16.60	-
16-17	9.48		11.65	10.06	12.08*	11.92	10.92	-
17-18	7.33		9.79	8.33	13.31	11.05	11.53	-
18-19	7.16		8.68	7.30	9.34*	7.95	7.67	-
19-20	11.05*		13.40	11.17	14.93	13.39	12.79	-
20-21	11.73		11.97	9.70	14.57	12.28	13.31	-
21-22	16.19		18.15	15.17	23.67	20.35	19.98	-
22-23	6.47		8.78	7.25	10.19	7.20	8.96	-
23-24	-		9.08	9.70	9.41	10.20	8.78	-
24-25	-		6.58	5.02	7.52	5.60	6.63	7.09
25-26	-		13.65	12.27	14.63*	14.39*	16.77	18.78*
26-27	-		15.31*	12.68	16.45	14.07	15.64	17.02*
27-28	-		10.11	10.51	12.84	12.40	12.63	11.87
28-29	-		7.73	8.56	9.97	8.77	9.48	9.16
29-30	-	10.85	12.21	13.18	15.60	14.81	16.53	13.05
30-31	-	9.52	8.22	10.40	10.22	10.84	12.44	10.35
31-32	-	14.80	13.25	15.39	17.16	14.06	17.81	16.41
								16.86

\* Partially estimated by comparison with nearby stations.

RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

	<u>-Station Number-</u>								
	13581	13613	13633	13642	13645	13802	13864	14173	14322
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
80-81									
81-82									
82-83									
83-84									
84-85									
85-86									
86-87									
87-88							19.17		
88-89							-		
89-90							-		
90-91							-		
91-92							-		
92-93							-		
93-94							-		
94-95							-		
95-96							-		
96-97							-		
97-98							6.62		
98-99							6.47		
99-00							5.98		
00-01							14.29	13.95*	
01-02							9.65	14.24*	
02-03							16.08	19.74*	
03-04							6.65*	10.77*	
04-05							21.47	18.24*	18.87
05-06							25.96	16.97*	20.56
06-07							18.02	17.89*	17.15
07-08							11.90	11.14*	12.69
08-09							15.03	12.77	15.09
09-10							14.14	11.95	14.61
10-11							11.63	10.71*	13.16
11-12							10.47	9.92*	10.77
12-13							-	9.25*	9.65
13-14							-	14.94*	18.07
14-15							-	19.26*	21.70
15-16							22.71	18.41	19.03
16-17						15.89*	11.49	13.38*	13.84
17-18						11.94	11.97	10.24*	11.77
18-19						8.37	7.44	7.10*	9.29
19-20						17.18*	12.66	10.62*	13.00
20-21						11.33*	9.64	13.04*	13.82
21-22						31.59*	26.22	19.76	23.28
22-23						12.36	7.38	7.52	10.36
23-24						10.60	7.66	8.55*	-
24-26						8.59	6.73	6.74*	-
25-26			22.80			20.53	14.10	14.04*	-
26-27			29.45			24.37	16.45	14.40	-
27-28			16.60*			11.50	8.02	15.43	-
28-29			14.30			11.68*	7.22	9.24	-
29-30			21.30			18.95*	17.07	11.88	-
30-31	15.21	15.58	16.31*	22.91*	15.69	12.59*	11.34	9.67	-
31-32	23.40*	22.04	20.93*	35.10	23.11*	23.27*	19.67	14.82	-

\* Partially estimated by comparison with nearby stations.

## RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

	14344	14373	14408	-Station Number- 14439	14451	14452	14465	14535	14541
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
80-81									
81-82									
82-83									
83-84									
84-85									
85-86									
86-87									
87-88									
88-89									
89-90									
90-91									
91-92									
92-93									
93-94									
94-95									
95-96									7.45
96-97									13.95
97-98									5.10
98-99									7.27
99-00									9.97
00-01									12.90
01-02									10.24
02-03									16.34
03-04									7.26
04-05									14.58
05-06									18.42
06-07									18.28
07-08									10.72
08-09								15.74*	17.65*
09-10								13.62	13.29
10-11								12.23	12.93
11-12								7.85	8.92
12-13								8.59	9.19
13-14								14.78	16.81
14-15						19.32		20.00	20.83
15-16						16.44*		18.13	18.98
16-17						11.17*		11.87	12.03
17-18						10.17*		10.24	10.91
18-19				7.11*		7.79*		8.31	8.85
19-20				12.05*		14.74		14.45	16.07
20-21				9.81		10.75*		12.16	13.70
21-22				-		16.57*		17.14	19.15*
22-23				-		8.27		7.58	9.41
23-24	10.15*			-		8.71*		12.04	10.39*
24-25	7.78*			-	5.73*	5.75*		5.87	7.20*
25-26	15.60*			-	12.22*	9.92*		13.35	13.05
26-27	16.78*				11.79*	14.71		16.81	15.95
27-28	13.05*		10.43*	12.39	10.80*	10.99		13.69	13.75
28-29	8.55*		8.30*	10.71	10.17	9.44*		9.74	10.72
29-30	16.92		9.94*	11.68	11.58	11.19	11.45	11.85	14.22
30-31	12.02	12.08	8.22	9.66	10.60	8.85	11.11	11.42	10.03
31-32	19.10*	20.33	12.48	13.77	15.39	12.91	14.15	15.40	16.45

\* Partially estimated by comparison with nearby stations.



## RECORDS OF PRECIPITATION-SOUTH COASTAL BASIN

	-Station Number-								
	14549	14552	14568	14575	14582	14585	14585A	14586	14617
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
80-81									
81-82									
82-83									
83-84									
84-85									
85-86									
86-87									
87-88									
88-89									
89-90		24.97							
90-91		12.86							
91-92		8.18							
92-93		13.95							
93-94		6.61							
94-85		16.86							
95-96		7.85*							
96-97		14.28							
97-98		-							5.82
98-99		-							6.64
99-00		-							7.29
00-01		-							15.46
01-02		-							8.84
02-03		-							15.38
03-04		-							6.77*
04-05		-							18.78
05-06		-							19.00
06-07		-							19.68
07-08		-							9.04
08-09		-							14.45
09-10		-							11.87
10-11		-	10.33						13.05
11-12		-	6.93						7.89
12-13		-	8.33						8.11
13-14		-	13.50						15.66
14-15		-	15.82						18.31
15-16		-	14.72						15.87
16-17		-	9.63						10.38
17-18		8.48	8.77						9.49
18-19		7.86	7.28		9.37				8.47
19-20		15.36	11.37		14.56				13.03
20-21		13.40	12.45		12.70				12.23
21-22		18.15	16.48	17.45*	16.65				17.51
22-23	6.61*	8.34	6.61	7.83*	7.53				7.21
23-24	11.15	11.68	10.93	12.83*	10.66				11.09
24-25	-	7.37	5.33	7.07	7.78			6.54	6.48
25-26	10.87	14.99	9.75	12.88*	15.35		12.89*	12.34	13.45
26-27	14.08	18.67	14.21	16.73*	18.43		16.22*	16.34	14.79
27-28	11.64	13.20	11.19	-	12.28	12.79*	10.75*	11.91	11.05
28-29	7.89	10.18	8.30	8.93*	9.30	8.71*	-	9.09	9.57
29-30	11.47	14.27	12.10	12.87*	13.72	12.66	-	12.30	13.76
30-31	9.29*	12.07	10.12	11.51*	12.07	10.36*	-	11.32	9.94
31-32	13.43	16.38	13.39	14.72	15.50	15.20*	-	13.91*	15.50

\* Partially estimated by comparison with nearby stations.

## RECORDS OF PRECIPITATION - SOUTH COASTAL BASIN

-Station Number-								
14632	14640	14649	14673	14735	14757	14765	14835	14902
70-71								
71-72								
72-73								
73-74								
74-75								
75-76								
76-77								
77-78								
78-79								
79-80								
80-81								
81-82								
82-83								
83-84								
84-85								
85-86								
86-87								
87-88								
88-89								
89-90								
90-91								
91-92								
92-93								
93-94								
94-95					29.75			
95-96					11.60			
96-97					18.87			
97-98					10.81			
98-99					7.81			
99-00	7.72				10.92*			
00-01	16.50*				21.54*			
01-02	11.80*				13.25			
02-03	19.92*				21.50			
03-04	8.30*				10.88			
04-05	20.51*				22.19			
05-06	23.44				27.18*			23.19*
06-07	25.66*				27.18*			23.61*
07-08	13.35				16.00*			13.97*
08-09	19.34*				21.62*			13.19
09-10	17.95				17.48*			14.91*
10-11	17.08				20.57*			13.59
11-12	11.37*				15.55*			11.24*
12-13	10.28*				10.27*			9.44
13-14	21.76*				24.25			20.07
14-15	21.89*				25.75*			19.84*
15-16	20.70*				27.75			28.33*
16-17	12.75				16.75			13.03*
17-18	14.82		13.45*		13.90*			12.85*
18-19	11.22		10.51*		11.00	12.00*		9.03*
19-20	20.42	12.72*	18.53*		20.37	21.83		17.04
20-21	19.06	12.41*	16.15	19.40*	21.95*	18.84		12.34*
21-22	25.55	17.73	24.44	34.50*	28.13	32.99		31.24
22-23	12.19	7.58	11.93	14.33*	15.00	15.09		10.06
23-24	12.12	14.92	12.37	15.30*	15.75*	15.49*		9.74*
24-25	12.86	7.32*	10.83	14.11*	14.42*	13.41		7.89*
25-26	18.44	14.79*	17.29	25.55	24.50*	25.00		20.49
26-27	16.86	19.15*	15.61*	19.46	24.84*	27.03*		25.34*
27-28	10.86	12.43*	11.45	15.24	17.40	15.02*		11.70
28-29	10.63	11.29*	9.87	12.71	13.38	13.80*		12.27
29-30	16.07	15.30	14.54*	15.64	16.64*	18.07*		15.96
30-31	13.01	--	10.41*	14.94	16.65	15.24*	20.26*	11.42
31-32	15.38	--	16.81*	21.15	25.86*	24.01*	24.77	30.62*

\* Partially estimated by comparison with nearby stations

RECORDS OF PRECIPITATION - SOUTH COASTAL BASIN

	-Station Number-								
	15235	15420	15602	15612	15614	15623	15656	15678	15679
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
80-81									
81-82									
82-83									
83-84									
84-85									
85-86									
86-87		11.68*							
87-88		--							
88-89		--							
89-90		--							
90-91		--							
91-92		--							
92-93		13.73*							
93-94		8.93							
94-95		16.67*							
95-96		9.20							
96-97		15.51*							
97-98		9.46*							
98-99		8.40*							
99-00		9.58*							
00-01		13.40							
01-02		8.24							
02-03		15.75							
03-04		7.90*							
04-05		18.59							
05-06		14.79							
06-07		18.02							
07-08		12.67							
08-09		13.76							
09-10		12.52		16.35					
10-11		16.44		19.26					
11-12		12.64		14.01					
12-13		8.62		11.57					
13-14		18.87		23.72					
14-15		18.09		20.29					
15-16		16.60		26.66					
16-17		11.45		8.64					
17-18	9.28	12.27		13.44					
18-19	8.22	10.25		12.22					
19-20	10.10	14.61	16.34	19.07					14.69
20-21	9.71*	10.82	13.63*	15.48					11.50
21-22	21.62	25.23	19.48	23.27		21.55			21.01
22-23	6.17*	10.68	8.89*	11.05		8.68			10.50
23-24	8.09*	9.74	9.93	11.13		10.22			10.52
24-25	5.36	7.28	8.67	10.32		8.09			7.40
25-26	13.21*	16.69	12.86	12.69		13.73			14.65
26-27	14.09*	19.37	18.49	25.11		16.97			18.00*
27-28	9.01*	9.44	13.23	17.97		12.48	14.69		13.88
28-29	6.45	9.19	10.87	--		9.51	10.76*	9.06	10.61
29-30	18.20	15.10	12.14	--	11.61*	10.98	13.53	12.56	14.50
30-31	10.25	8.87	11.53	--	11.71	12.01	11.14*	10.93*	12.22
31-32	16.56	20.07	16.33	--	15.80	16.70	17.31	13.74	16.54

\* Partially estimated by comparison with nearby stations

RECORDS OF PRECIPITATION - SOUTH COASTAL BASIN

	15681	15733	15841	-Station Number-		15925	15926	15932	15933
				15860	15903				
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
80-81									
81-82									
82-83									
83-84									
84-85									
85-86									
86-87									
87-88									
88-89									
89-90									
90-91									
91-92									
92-93									
93-94									
94-95									
95-96									
96-97									
97-98									
98-99									
99-00									
00-01									
01-02									
02-03									
03-04									
04-05									
05-06								18.68	
06-07								17.83	
07-08								10.82*	
08-09								13.15	12.54
09-10								15.11	13.53
10-11								11.88	12.54
11-12								9.15*	9.62
12-13	9.16*							7.42*	7.36
13-14	18.47*							15.72*	--
14-15	16.10							16.71	19.19
15-16	20.01							21.24*	24.73
16-17	11.60							11.49	13.21
17-18	12.12							10.69	11.84
18-19	10.65							6.87*	7.32
19-20	16.23							12.94	13.38
20-21	13.42							11.10	11.43
21-22	20.99							22.25*	25.20
22-23	8.89							9.72	10.71
23-24	10.12							9.07	10.84
24-25	8.42							7.60*	6.64
25-26	15.17							14.53	15.89
26-27	18.72							17.53	17.26
27-28	13.20	12.44*						11.37	11.66
28-29	9.93	9.71	11.53*					8.82	8.90
29-30	12.57	13.04*	16.43*					12.60	12.46
30-31	10.69	10.88	11.33	10.51		10.87		8.81	10.10
31-32	16.60	14.12*	17.07	18.27	19.79*	20.78	22.30	17.33	18.70

\* Partially estimated by comparison with nearby stations

RECORDS OF PRECIPITATION - SOUTH COASTAL BASIN

	-Station Number-								
	15944	15945	15955	15965	16041	16050	16147	16240	16710
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
80-81									
81-82									
82-83									
83-84									
84-85									
85-86									
86-87									
87-88									
88-89									
89-90									
90-91									
91-92									
92-93									
93-94									
94-95									
95-96									
96-97									
97-98									
98-99									
99-00									
00-01									
01-02									
02-03									
03-04									
04-05									
05-06									
06-07									
07-08									
08-09									
09-10									
10-11									
11-12		10.07							
12-13		8.81							
13-14		18.08							
14-15		19.51							
15-16		23.65			14.30				
16-17		12.66			9.39*				
17-18		11.80			9.21*				
18-19		7.75*			7.84*				
19-20		14.60			10.14		11.50		
20-21	11.37	12.07			9.33		8.55		
21-22	24.18*	26.72			--		22.57		
22-23	10.46*	9.74			--	7.11*	6.81		
23-24	9.43	9.96			--	7.66*	8.64*		
24-25	8.34*	7.58			--	6.35*	6.62*		
25-26	15.98	17.27			--	11.95	15.41		
26-27	18.82*	18.63			--	11.80	13.76*		
27-28	12.75	14.15*			--	9.49	10.47		12.23
28-29	9.41	--	9.38		--	5.91	6.79	6.07*	13.63*
29-30	13.12	--	12.20		--	12.42	16.74*	12.64	13.64
30-31	9.84*	--	8.61		--	8.48	10.40	10.25	14.24
31-32	18.01	--	17.40	17.51*	--	12.89	15.06*	12.34	19.37

\* Partially estimated by comparison with nearby stations



## RECORDS OF PRECIPITATION - SOUTH COASTAL BASIN

	16720	16750	16801	-Station Number-		17032	17062	17417	17421
				16845	17023				
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
80-81									
81-82						6.31			
82-83						2.94			
83-84						22.74			
84-85						8.97			
85-86						9.42			
86-87						5.92			
87-88						11.76			
88-89						15.55		18.18	
89-90						18.21		25.10	
90-91						12.89		18.43	
91-92						6.44		14.92	
92-93						12.46		19.30	
93-94						7.12		9.46	
94-95						16.39		27.04	
95-96						7.51		7.87	
96-97						12.85		19.36	
97-98						5.88		8.71	
98-99						5.70		7.48*	
99-00						6.01		--	
00-01						8.86		--	
01-02						6.50*		--	
02-03						12.74		--	
03-04						5.75		--	
04-05						16.52		--	
05-06						15.14		--	
06-07						16.31		25.94	
07-08						11.94		17.16	
08-09						12.02		24.35	
09-10						11.93		14.49	
10-11						10.73		19.89*	
11-12						8.37		17.56	19.34
12-13						7.16		10.23	11.91
13-14						14.89		27.48	31.90
14-15						15.07		28.61	27.90
15-16						16.88		26.19	31.95
16-17						9.11		19.44	25.07
17-18						8.92		17.08	19.60
18-19						9.86		15.68	14.98
19-20						12.00		22.93	27.23
20-21						9.93		16.88	23.65
21-22						19.75		32.89	36.43
22-23						8.59		17.21	20.12
23-24				8.26*		8.33		13.77	16.48
24-25				6.98		7.96	7.61	13.29	18.19
25-26				12.94*		14.00	14.23	24.52	26.16
26-27	22.66			14.55		14.21	12.49	27.75	30.84
27-28	--	10.56*		11.34*		11.62	12.12	13.16	16.01
28-29	--	12.18	10.59*	8.96	7.44	8.00	7.66	13.94	15.24
29-30	--	14.02*	11.06	12.42	13.07	12.66	13.99	21.94	21.95
30-31	--	13.06*	11.44*	8.90	11.04	11.88	10.77	13.81	16.64
31-32	--	17.71*	16.21	15.97	14.18	14.83	15.10	26.03	27.50

\* Partially estimated by comparison with nearby stations

## RECORDS OF PRECIPITATION - SOUTH COASTAL BASIN

	-Station Number-								
	17608	17610	17613	17617	17617A	17630	17640	17642	17642A
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
80-81									
81-82									
82-83									
83-84									
84-85									
85-86									
86-87									
87-88									
88-89									
89-90									
90-91									
91-92									
92-93									
93-94									
94-95									
95-96									
96-97									
97-98									
98-99									
99-00									
00-01									
01-02									
02-03									
03-04									
04-05									
05-06									
06-07	25.68*								
07-08	14.64*								
08-09	19.41								
09-10	18.20								
10-11	16.68								
11-12	12.62								
12-13	11.46*								
13-14	24.57								
14-15	23.87								21.83*
15-16	27.30								27.58*
16-17	15.31								16.14
17-18	14.73								15.14
18-19	9.93							13.42*	11.88
19-20	16.69*							--	18.46
20-21	14.85		17.29					--	18.33*
21-22	23.69		23.69*				28.52	--	25.49
22-23	9.93		12.49				13.16	--	13.04
23-24	12.03		12.46				13.14	--	14.26*
24-25	10.24		11.87				14.19	11.43*	12.18
25-26	15.75		19.48				24.02	17.57	--
26-27	24.80		23.36	23.52*			25.46	20.32	--
27-28	14.46		16.97	15.01			16.10	13.43	--
28-29	13.16		11.90	12.26			--	10.86	--
29-30	14.31	17.70	16.08	15.17	14.24		--	16.33	--
30-31	13.88	15.03	16.16	15.35	14.26*	17.71	--	13.20	--
31-32	19.88	23.51	22.12	20.63	--	26.79	--	20.69*	--

\* Partially estimated by comparison with nearby stations

RECORDS OF PRECIPITATION - SOUTH COASTAL BASIN

-Station Number-									
17644	17653	17674	17703	17705	17777	17818	17860	17893	
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
80-81									
81-82									
82-83									
83-84									
84-85									
85-86									
86-87									
87-88									
88-89									
89-90									
90-91									
91-92									
92-93									
93-94									
94-95									
95-96									
96-97									
97-98									
98-99									
99-00									
00-01									
01-02									
02-03									
03-04									
04-05									
05-06									
06-07									
07-08									
08-09					14.69*				
09-10					14.15*				
10-11					12.94				
11-12					11.04				
12-13					8.46*				
13-14			23.92*		19.32				
14-15			21.54		18.19				
15-16			24.76		24.87				
16-17			14.23		10.64				
17-18			14.08*		12.36*				
18-19			8.08		10.35*				
19-20			16.73*		14.69*				
20-21			16.86		13.32*				
21-22			22.44*		27.27*				
22-23			10.86		9.46*				
23-24			11.77		10.14				
24-25			10.88		9.18				
25-26			17.89		17.03		19.41*		
26-27			20.45		18.24		22.24*		
27-28		14.61	13.40*	14.13	12.47	11.71*	13.79	12.57	
28-29	11.34	12.09	11.68*	11.62	10.90*	10.37	9.50	12.78	--
29-30	16.76	17.51	13.94	15.20	15.33*	13.05	11.90*	15.63	--
30-31	13.58	13.94	11.37	12.48	11.07*	11.29*	10.82	14.13	--
31-32	--	20.69	18.32	20.59	19.01*	15.55	14.58	20.49	18.11*

\* Partially estimated by comparison with nearby stations

## RECORDS OF PRECIPITATION - SOUTH COASTAL BASIN

	-Station Number-								
	17973	17973A	17984	18082	18114	18125	18163	18194	18260
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
80-81									
81-82									
82-83									
83-84									
84-85									
85-86									
86-87									
87-88									
88-89									
89-90					25.78				
90-91					19.06				
91-92					11.54				
92-93					16.67				
93-94					10.13				
94-95					22.90				
95-96					9.51				
96-97					21.88				
97-98					10.33				
98-99					6.30				
99-00					7.90				
00-01					13.11				
01-02					8.80				
02-03					15.82				
03-04					8.45				15.69
04-05					20.53				29.56
05-06					16.61				29.53
06-07					21.85				32.69
07-08					14.36				22.42
08-09					14.47				27.14
09-10					10.47				18.26
10-11					13.93				25.96
11-12					14.25				21.39
12-13					7.96				14.54
13-14					20.44				35.62
14-15	18.85				19.57				28.74
15-16	27.89				18.20				26.78
16-17	13.37*				14.07				21.66
17-18	14.06				11.90				19.70
18-19	13.28				12.22				19.09
19-20	18.95*				15.82				26.78
20-21	15.86*				13.29				23.02
21-22	26.40				25.50				34.01
22-23	8.65				11.31				20.30
23-24	11.77	11.30*			11.27				18.19
24-25	8.77	12.09			9.55				18.04
25-26	15.45*	17.63*			18.51				26.35
26-27	18.59	21.47			17.50				27.95
27-28	13.95	14.54	12.97		12.52		13.32	13.86	18.82
28-29	10.18	11.86	9.74		10.89		12.37	10.87	16.36
29-30	11.99	14.83	12.33	14.35*	16.80		18.08	17.37	23.08
30-31	15.15	15.54	12.58*	12.21*	13.79	12.86	15.66	13.81	18.85
31-32	18.55	18.63	15.40*	18.49*	18.87	18.69	21.48	23.74	29.87

\* Partially estimated by comparison with nearby stations

RECORDS OF PRECIPITATION -SOUTH COASTAL BASIN

<u>-Station Number-</u>								
<u>18351</u>	<u>18506</u>	<u>18507</u>	<u>18514</u>	<u>18529</u>	<u>18529A</u>	<u>18586</u>	<u>18655</u>	<u>18679</u>
70-71								
71-72								
72-73								
73-74								
74-75								
75-76								
76-77								
77-78								
78-79								
79-80								
80-81								
81-82								
82-83								
83-84						37.25		
84-85						9.93*		
85-86						23.67		
86-87						13.75		
87-88						21.45		
88-89						22.94		
89-90						32.06		
90-91						19.29		
91-92						15.68		
92-93						26.69		
93-94						12.12		
94-95						29.80		
95-96						12.66		
96-97						21.45		
97-98						11.48		
98-99						8.02		
99-00						10.71		
00-01						21.16		
01-02						12.54		
02-03						20.17		
03-04						12.57		
04-05						23.63		
05-06						26.01		
06-07						28.21		
07-08						16.75*		
08-09						25.39		
09-10						19.63		
10-11	22.22*					23.94		
11-12	19.25*					16.93		12.66*
12-13	12.80*					13.89		8.88
13-14	33.08					32.87		28.07
14-15	25.09*					25.01		20.66
15-16	50.55*					36.41		26.64
16-17	19.45*					24.07		16.60
17-18	16.04*					17.16		14.84
18-19	13.54					13.38		12.53
19-20	17.79*					21.39		18.76
20-21	18.61			17.49		20.76		18.05
21-22	30.91*			25.68*		33.14		32.54
22-23	16.46			15.29*		17.82		13.03
23-24	13.88*			12.45*	12.77*	13.94		12.70
24-25	14.58*			12.77*	12.47*	17.21		12.91
25-26	17.69*			21.64*	22.96	23.80		22.54
26-27	18.28			22.58	23.25	26.45		23.22
27-28	15.89			13.70*	13.89	15.18		15.54
28-29	14.45		15.15*	13.45*	12.48	15.88		14.45
29-30	19.21		20.52	14.78	17.18	20.43		17.50
30-31	22.90	--	14.79	17.08	13.18*	14.71		15.50
31-32	43.69	--	26.01	29.37	20.99*	--	26.17	22.35

\* Partially estimated by comparison with nearby stations.



RECORDS OF PRECIPITATION - SOUTH COASTAL BASIN

-Station Number-								
18704	18733	18739	18761	18766	18782	18809	18831	18843
70-71						13.94		
71-72						8.98		
72-73						15.10		
73-74						23.81		
74-75						13.65		
75-76						19.90		
76-77						9.52		
77-78						20.33		
78-79						11.64		
79-80						20.36		
80-81						13.50		
81-82						11.54		
82-83						9.17		
83-84						37.51		
84-85						10.81		
85-86						21.93		
86-87						14.50		
87-88						17.76		
88-89						20.97		
89-90						25.08		
90-91						18.08		
91-92						14.36		
92-93						19.82		
93-94						8.13		
94-95						20.98		
95-96						8.11		
96-97						16.74		
97-98						8.24		
98-99						7.49		
99-00						8.64		
00-01						17.36		
01-02						11.15		
02-03						17.42		
03-04						9.37		
04-05						20.78		
05-06						19.88		
06-07						23.17		
07-08						15.62		
08-09						17.36		
09-10						15.02	20.64	
10-11						16.34	23.34*	
11-12						13.84	18.89*	
12-13						11.08	17.75	
13-14						21.45	35.98	
14-15						19.64	29.83	
15-16						24.72	26.50	
16-17						13.79	24.26	
17-18						13.33	9.72*	
18-19						13.62	15.14	
19-20						19.28	23.15*	
20-21						16.46	25.76*	
21-22						27.75	39.49	
22-23						11.04	19.58	
23-24						11.34	15.16	
24-25						10.89	15.59*	
25-26						20.40	--	
26-27	23.92		21.60			20.55	--	
27-28	15.01		14.86	17.67	15.74*	14.05	--	
28-29	16.71*	18.08*	13.84	18.50	15.12	12.21	--	16.
29-30	20.90	20.80	17.33	20.90	17.21*	20.44*	14.06	22.
30-31	15.87	15.00*	13.84	--	--	13.10	15.31	19.
31-32	24.02	--	20.89	--	--	24.86	21.98	--

\* Partially estimated by comparison with nearby stations

## RECORDS OF PRECIPITATION - SOUTH COASTAL BASIN

	-Station Number-								
	18886	18906	18928	18937	18999	19046	19089	19122	19161
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
80-81									
81-82									
82-83									
83-84									
84-85									
85-86									
86-87									
87-88									
88-89									
89-90									
90-91									
91-92									
92-93									
93-94									
94-95									
95-96								7.22	
96-97								30.18	
97-98								22.59	
98-99								12.40	
99-00								21.74	
00-01								21.39	
01-02								35.67	
02-03								--	
03-04								--	
04-05						34.43		--	
05-06						36.12		--	
06-07						40.61		--	
07-08						31.60		--	
08-09	20.43					28.62		--	
09-10	19.40					21.36		--	
10-11	19.67*			20.81		30.06		--	30.96
11-12	16.48			19.76		28.26		--	17.78
12-13	11.29*			12.65		18.02		--	13.73
13-14	25.87			26.51		41.08		--	38.67
14-15	23.21			23.98		37.12		--	41.55
15-16	28.21			28.72		44.36*		--	42.88*
16-17	17.37			16.87		23.76*		--	20.03
17-18	13.30			14.77		21.15		--	29.49
18-19	15.46*			16.66		16.86		--	19.87
19-20	21.26			22.23		27.10		--	32.49
20-21	17.46			17.80		27.94		--	26.30
21-22	29.30			30.68		42.53		--	52.80
22-23	13.25*			14.34		24.10		--	24.77
23-24	13.25			14.26	18.89	21.18		--	21.79
24-25	12.21	14.29		12.45	13.94	19.10		--	22.32
25-26	22.59	28.44*		23.51	22.92	29.30		--	28.42
26-27	21.46	23.38		22.36	24.83	29.96	29.11*	--	38.13
27-28	12.48*	15.59		15.30	15.46	18.53	18.64*	--	14.46
28-29	12.48	12.82		13.73	14.73	20.78	22.14*	--	20.97
29-30	16.25	16.11		17.69	19.34	23.09	--	--	23.70
30-31	16.85	16.42	15.18	17.70	17.68	22.35	--	--	18.18
31-32	24.13	22.43	22.96	26.00	27.78	34.71	24.00	--	44.90*

\* Partially estimated by comparison with nearby stations

## RECORDS OF PRECIPITATION - SOUTH COASTAL BASIN

	-Station Number-								
	19404	19406	19416	19424	19442	19444	19449	19459	19465
70-71									
71-72									
72-73									
73-74									
74-75									
75-76									
76-77									
77-78									
78-79									
79-80									
80-81									
81-82									
82-83									
83-84									
84-85									
85-86									
86-87									
87-88									
88-89									
89-90									
90-91									
91-92									
93-93									
93-94									
94-95									
95-96									
96-97									
97-98									
98-99									
99-00	11.45*								
00-01	29.27								
01-02	15.00								
02-03	29.75								
03-04	18.53								
04-05	38.41								
05-06	37.36							44.29	
06-07	49.69							46.21	
07-08	25.95							27.52	
08-09	33.88							48.16	
09-10	34.67							42.64	
10-11	45.86							42.01	
11-12	25.98							29.58	
12-13	18.37							21.71	
13-14	53.62							57.98	
14-15	37.63							39.12	
15-16	45.31							57.46	
16-17	--							36.76	
17-18	--							26.64	
18-19	--							19.57	
19-20	--							37.00	
20-21	--							37.75	
21-22	--				45.46*			53.51	
22-23	--				16.21			28.59	
23-24	--				18.14			18.15	
24-25	--				11.84*			27.51	
25-26	--	50.52*			26.76*		36.00*	35.11	
26-27	--	51.20*			28.85*		42.42	39.44	
27-28	--	21.30*			15.48		26.00	23.39	
28-29	--	29.84			16.19		35.27	31.77	
29-30	--	28.00*		24.98*	28.69*		27.14	28.28	28.59*
30-31	--	27.24		--	25.76*	20.05*	23.15	25.57	22.08*
31-32	--	--	35.35*	--	37.75*	--	39.72	36.67	--

\* Partially estimated by comparison with nearby stations

RECORDS OF PRECIPITATION - SOUTH COASTAL BASIN

	-Station Number-									
	19496	19508	19529	19546	19569	19578	19586	19656	19723	
70-71										
71-72										
72-73										
73-74										
74-75										
75-76										
76-77										
77-78										
78-79										
79-80										
80-81										
81-82										
82-83										
83-84										
84-85										
85-86										
86-87										
87-88										
88-89										
90-91										
91-92										
92-93										
93-94								30.00		
94-95								49.52		
95-96								16.88		
96-97								43.90*		
97-98								18.65*		
98-99								--		
99-00								--		
00-01								--		
01-02								--		
02-03								--		
03-04								--		
04-05								--		
05-06								--		
06-07								--		
07-08								--		
08-09								--		
09-10								--		
10-11								51.80		
11-12								33.28		
12-13								30.20		
13-14								59.11		
14-15								43.57		
15-16								77.61		
16-17								41.42		
17-18								33.33		
18-19	18.42							28.23		
19-20	39.95							37.20		
20-21	35.21							46.15		
21-22	59.99							73.58		
22-23	30.76							44.27		
23-24	20.32							28.42		
24-25	26.64							34.81		
25-26	34.16							45.23		
26-27	37.96							48.68		
27-28	22.64				19.42	22.55		16.39		
28-29	31.36		20.32*		20.30	26.07		34.54	27.83	
29-30	29.19		26.48	29.41*	22.42	27.01	16.58*	36.82	23.17	
30-31	27.11	24.72*	19.74*	--	19.49	23.87	--	28.98	21.06	
31-32	42.76	--	--	--	30.44	36.19	--	65.83	--	

\* Partially estimated by comparison with nearby stations

RECORDS OF PRECIPITATION - SOUTH COASTAL BASIN

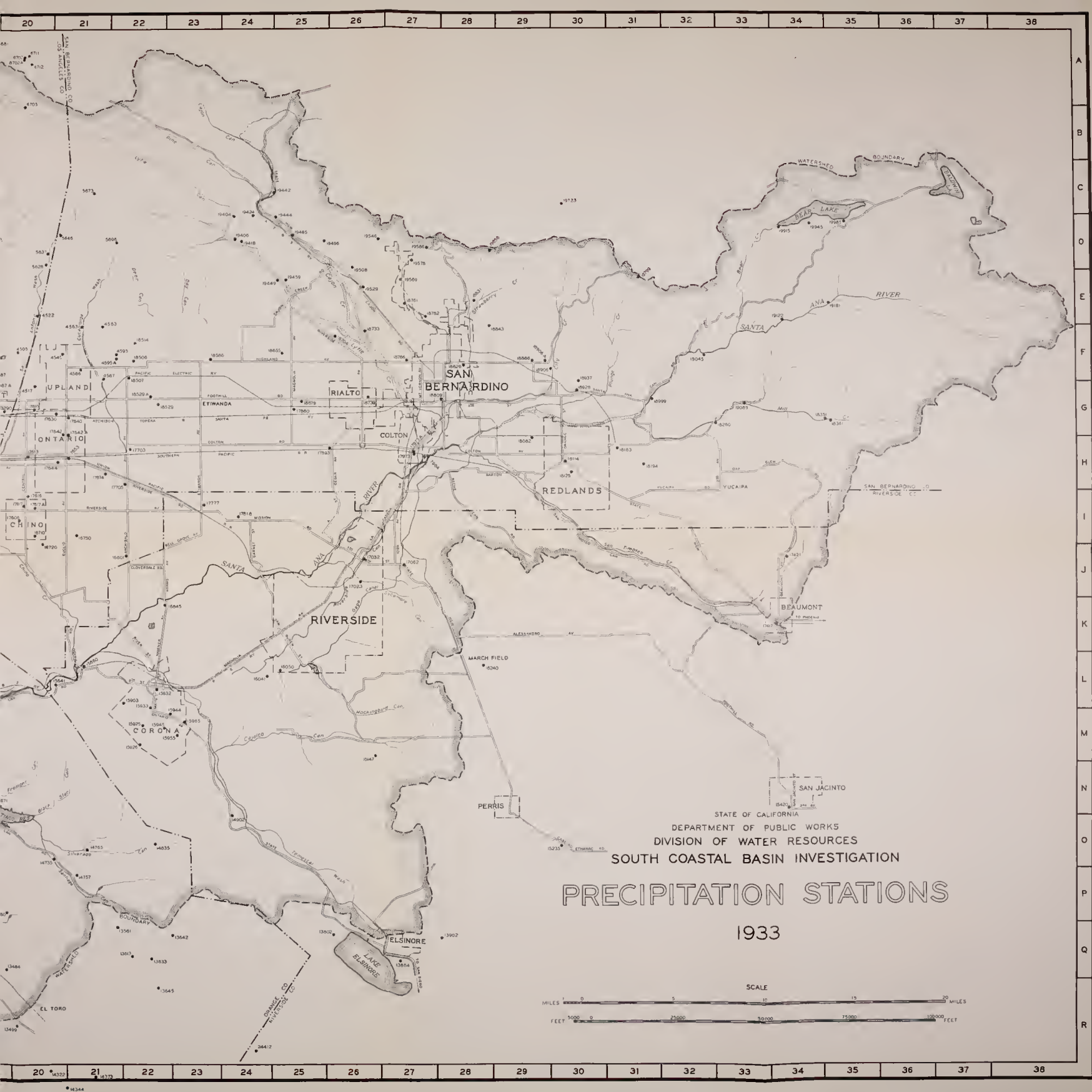
	-Station Number-			
	19799	19915	19945	24412
70-71				
71-72				
72-73				
73-74				
74-75				
75-76				
76-77				
77-78				
78-79				
79-80				
80-81				
81-82				
82-83				
83-84		92.89		
84-85		22.42		
85-86		65.31		
86-87		24.60		
87-88		59.70		
88-89		50.08		
89-90		91.20		
90-91		76.50		
91-92		40.28		
92-93		43.41		
93-94		24.86*		
94-95		50.29		
95-96		11.29		
96-97		33.25		
97-98		20.22		
98-99		13.93		
99-00		20.48		
00-01		31.51		
01-02		25.68		
02-03		40.42		
03-04		25.15		
04-05		44.36		
05-06		48.25		
06-07		48.38		
07-08		29.00		
08-09		42.54		
09-10		44.29		
10-11		49.27		
11-12		25.76		
12-13		23.51		
13-14		53.61		
14-15		53.80		
15-16		60.67		
16-17		32.20		
17-18		36.10		
18-19		21.91		
19-20		42.96		
20-21		27.08		
21-22		37.52		
22-23		23.11		
23-24		21.40		
24-25		25.36		
25-26		40.77		
26-27		36.74		
27-28		18.77		
28-29		23.99	28.91	
29-30		34.13	26.56	
30-31		23.15	19.22	15.14
31-32	51.83*	58.70	50.74	44.53* 22.74

\*Partially estimated by comparison with nearby stations



















THIS BOOK IS DUE ON THE LAST DATE  
STAMPED BELOW

**AN INITIAL FINE OF 25 CENTS**

WILL BE ASSESSED FOR FAILURE TO RETURN  
THIS BOOK ON THE DATE DUE. THE PENALTY  
WILL INCREASE TO 50 CENTS ON THE FOURTH  
DAY AND TO \$1.00 ON THE SEVENTH DAY  
OVERDUE.

111601

TC824

Calif. Division of

C2

water resources.

A2

Calif.

TC824

PHYSICAL  
SCIENCES  
LIBRARY

C2

A2

no. 39A-

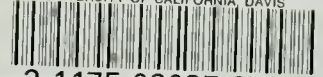
39D

Collate:

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